

IN THE DRAWINGS

Please replace the originally filed informal drawings with the formal drawings submitted herewith.

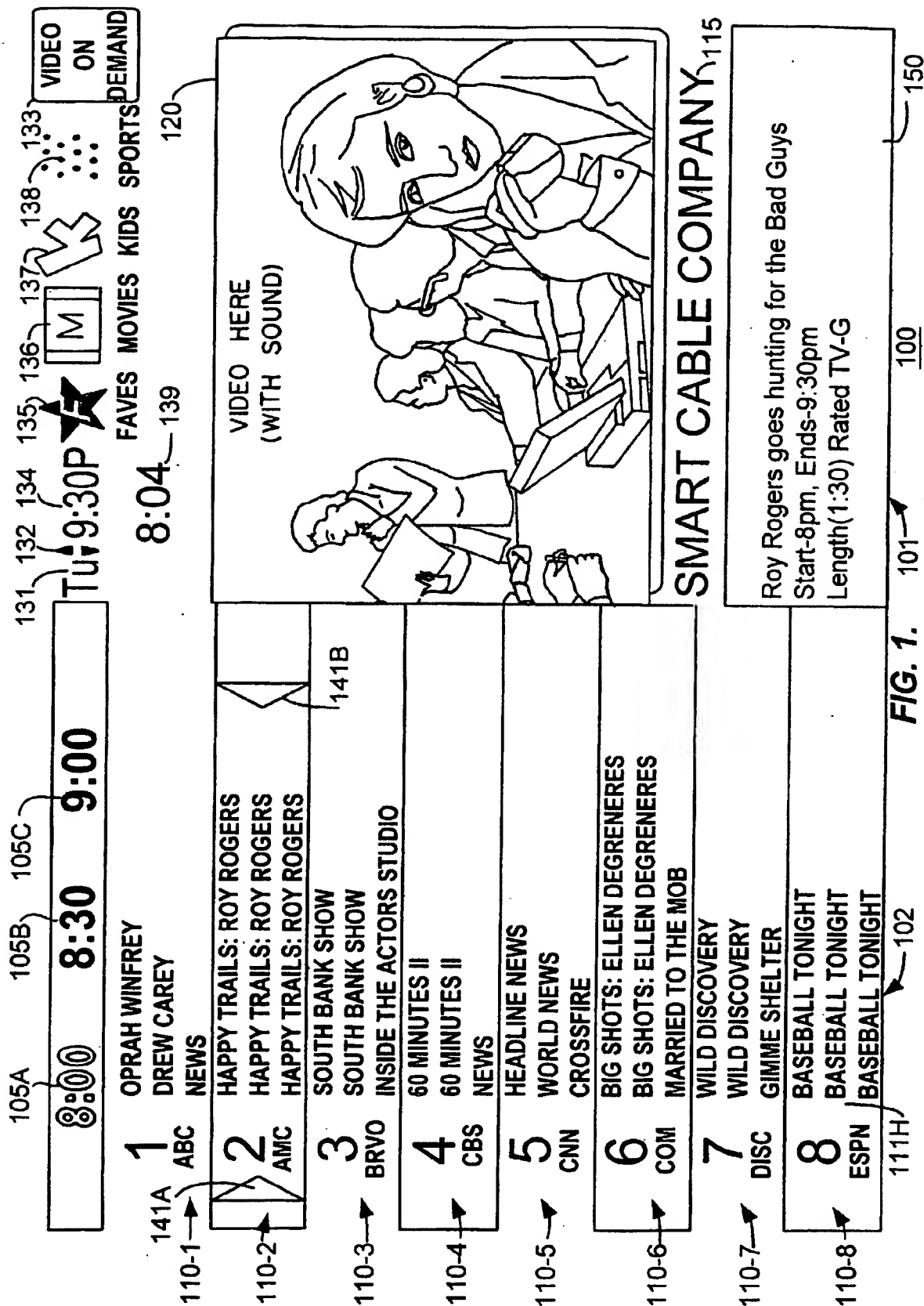


FIG. 1.

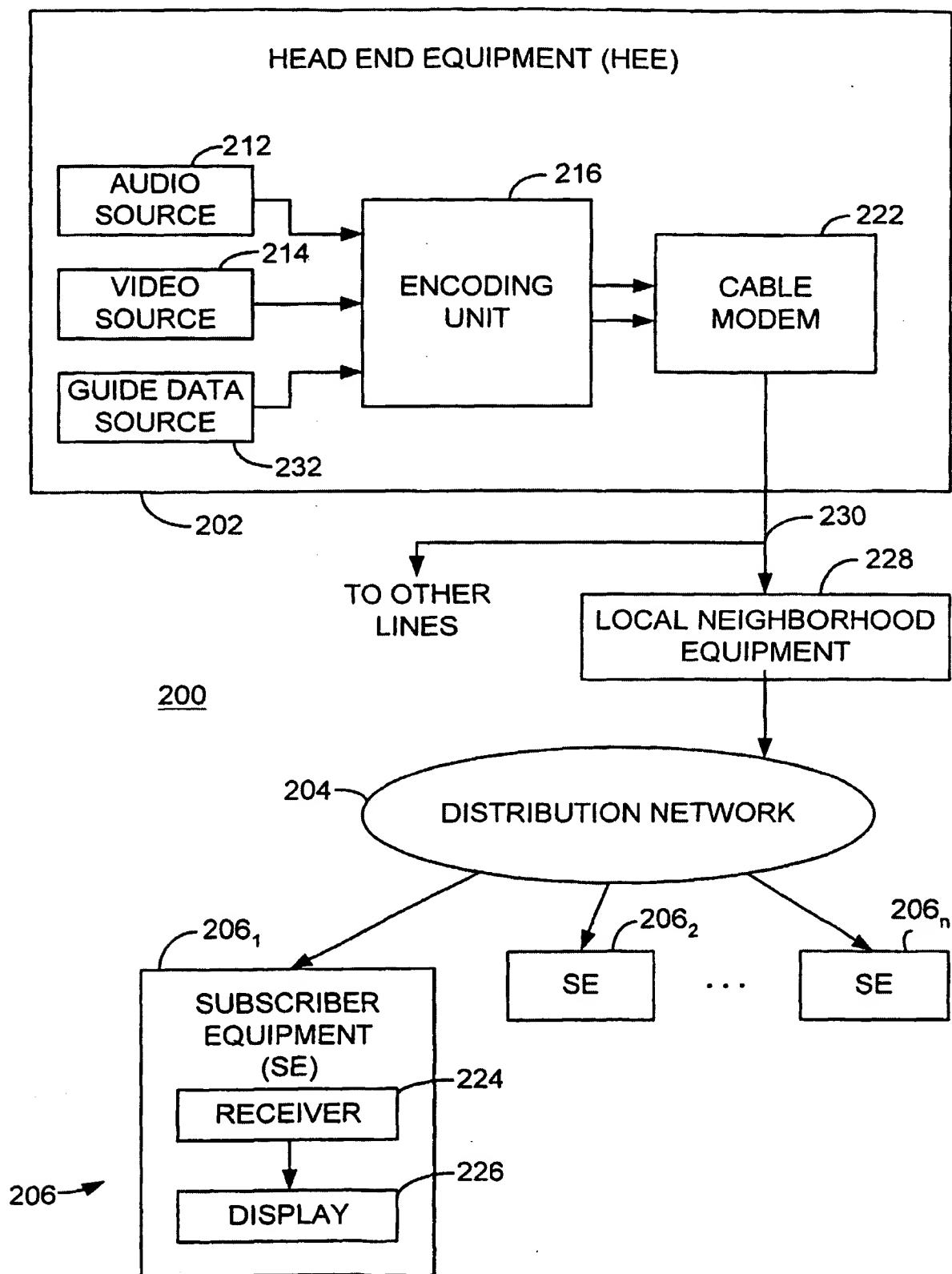


FIG. 2.



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100 →

SLICE 1 (g/s1)	SLICE 1 (v/s1)
SLICE 2 (g/s2)	SLICE 2 (v/s2)
⋮	⋮
SLICE N (g/sN)	SLICE N (v/sN)

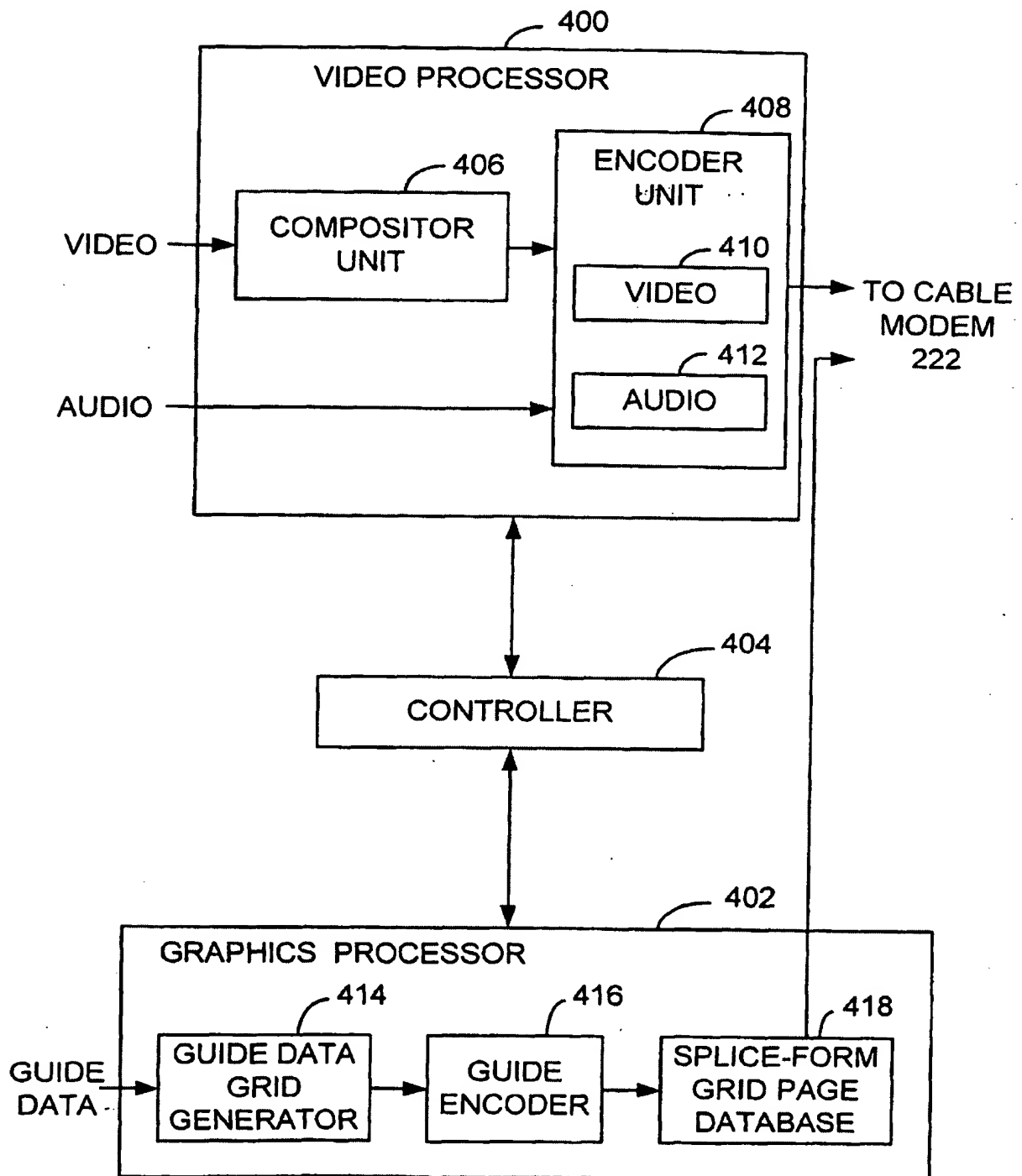
102 ↗ 101 ↗

**FIG. 3.**



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216 →

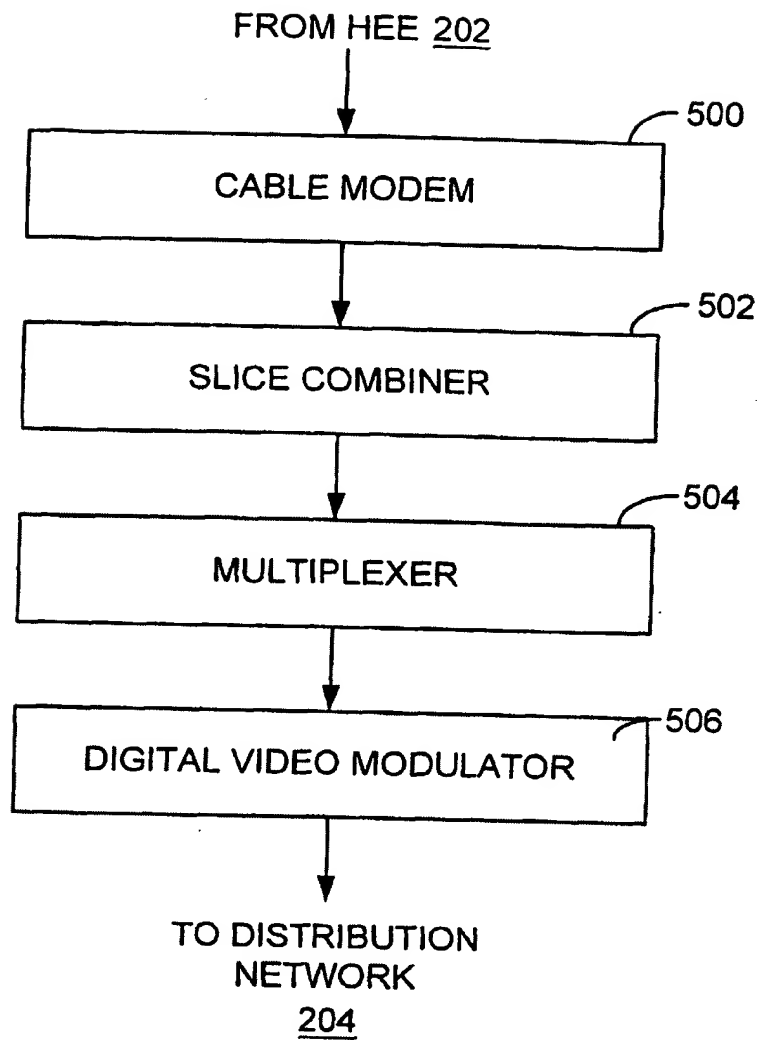


**FIG. 4.**



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228 →



**FIG. 5.**

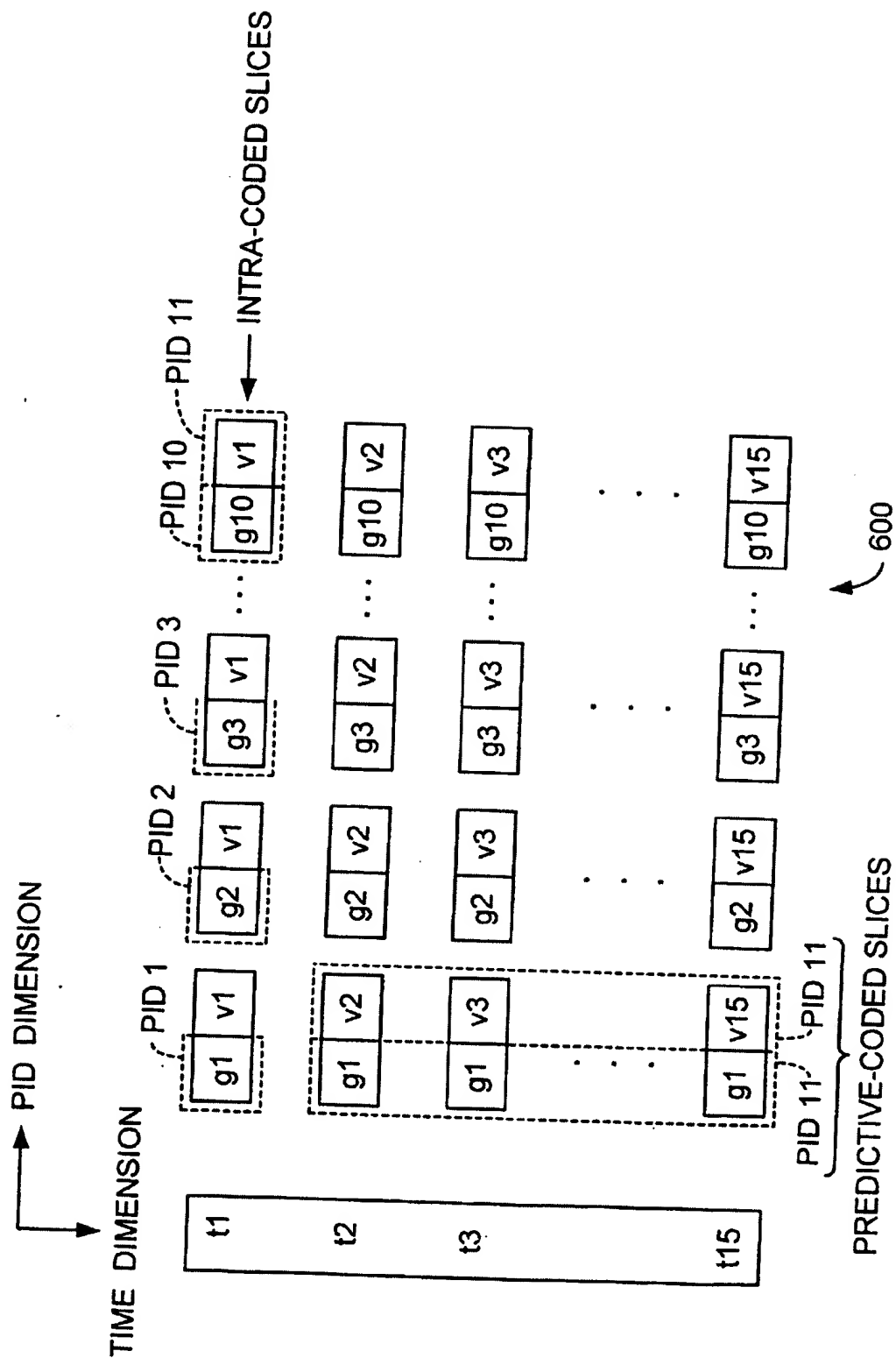
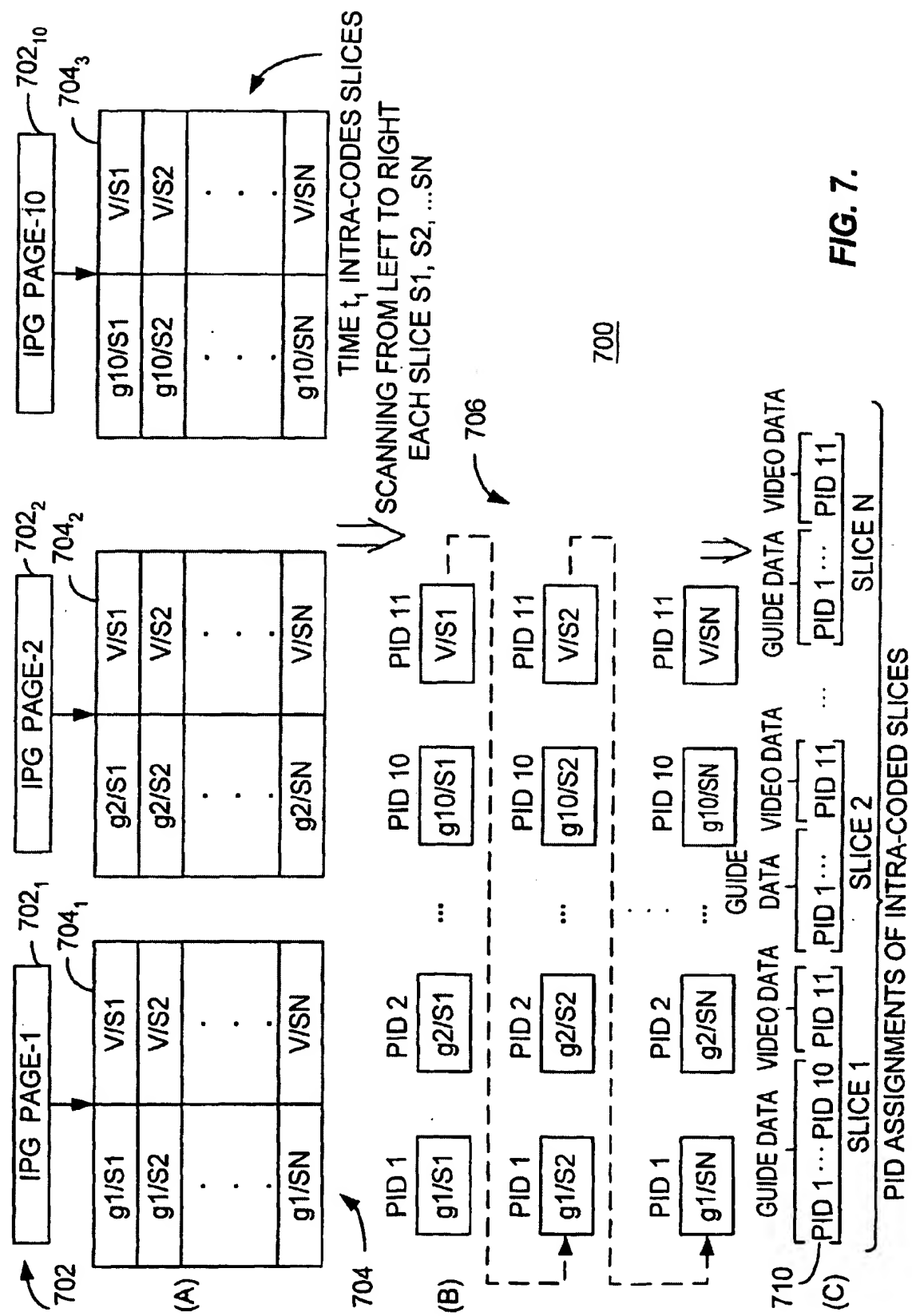


FIG. 6.



**FIG. 7.**



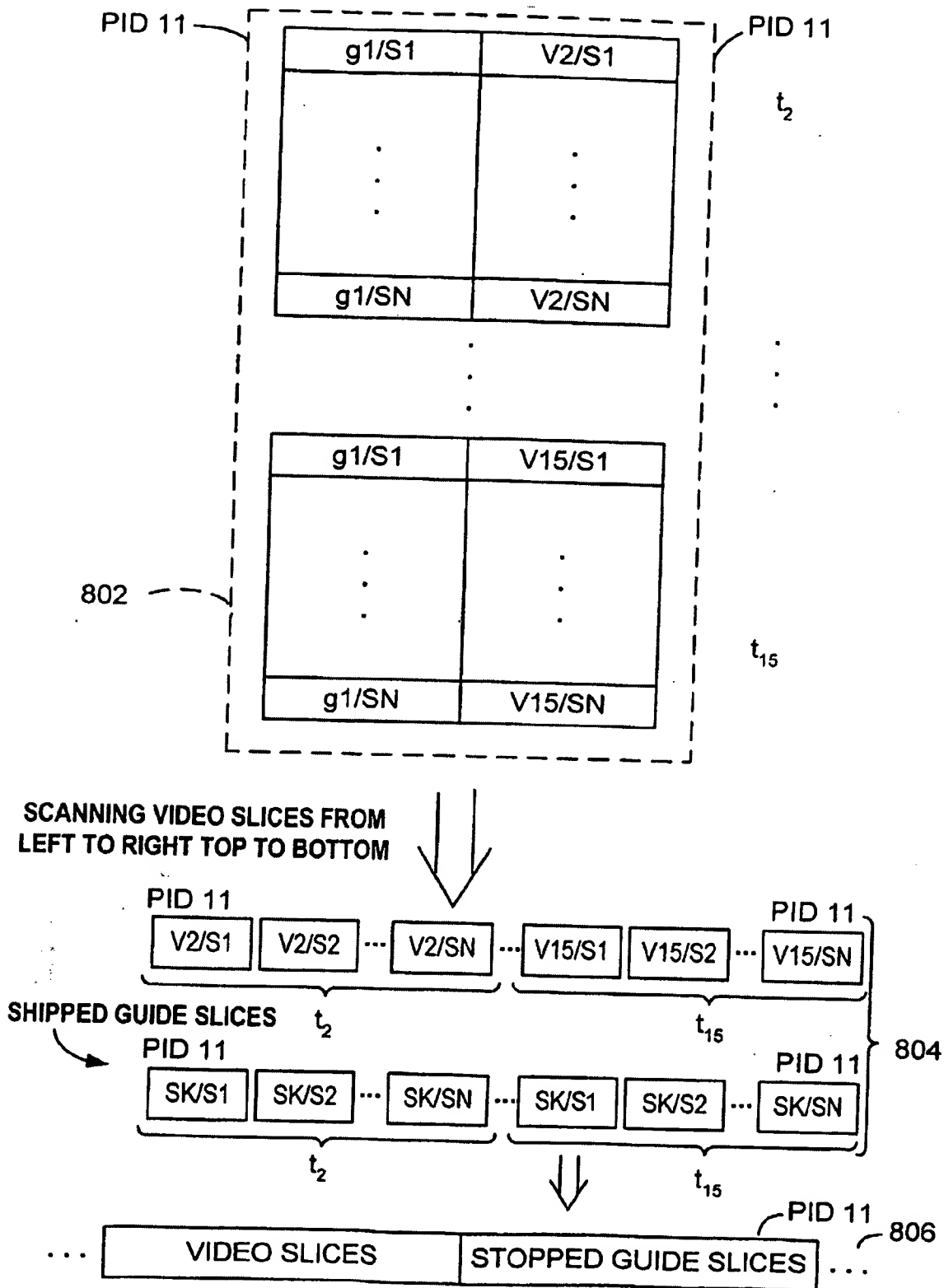
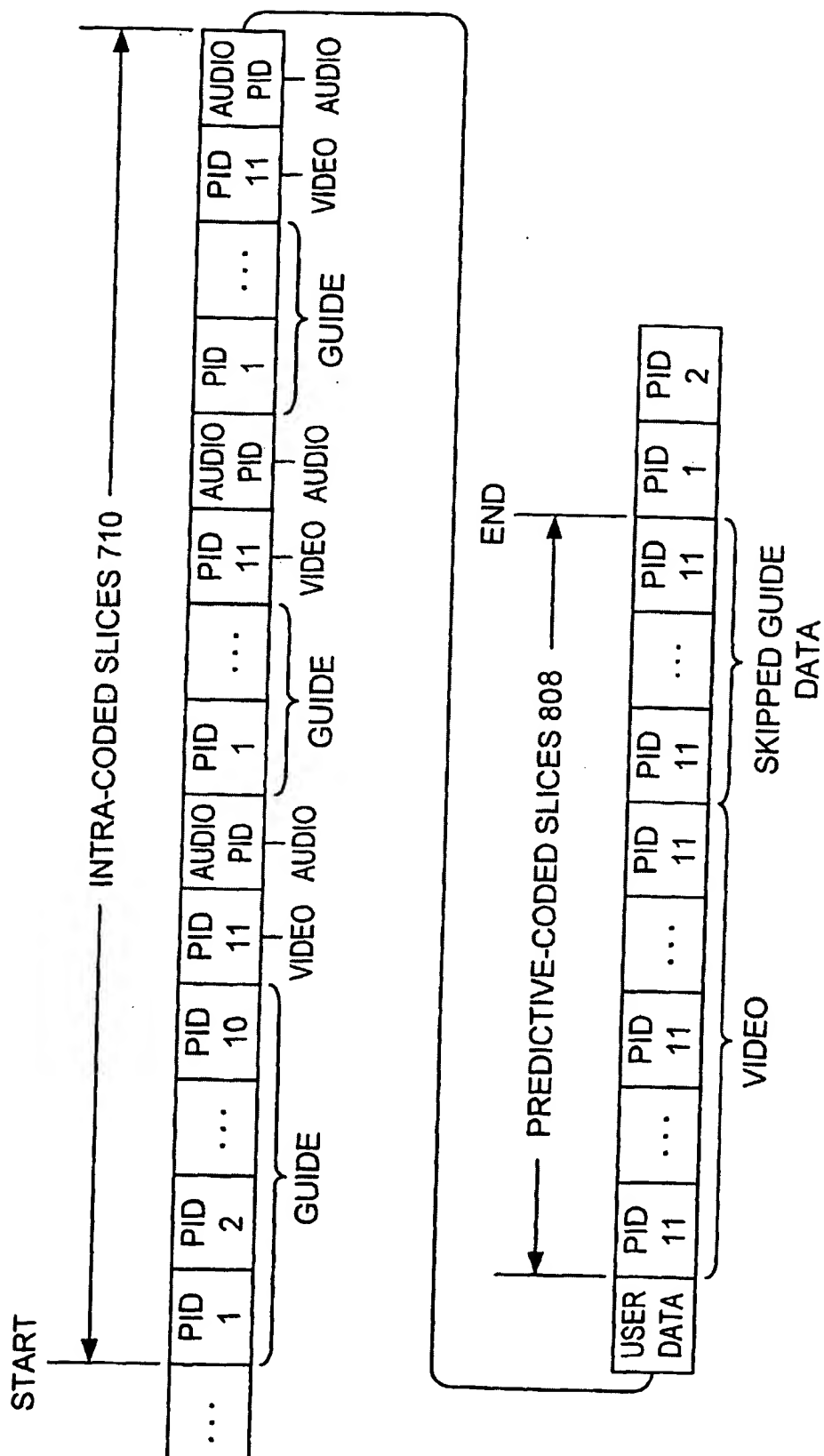


FIG. 8.



**FIG. 9.**

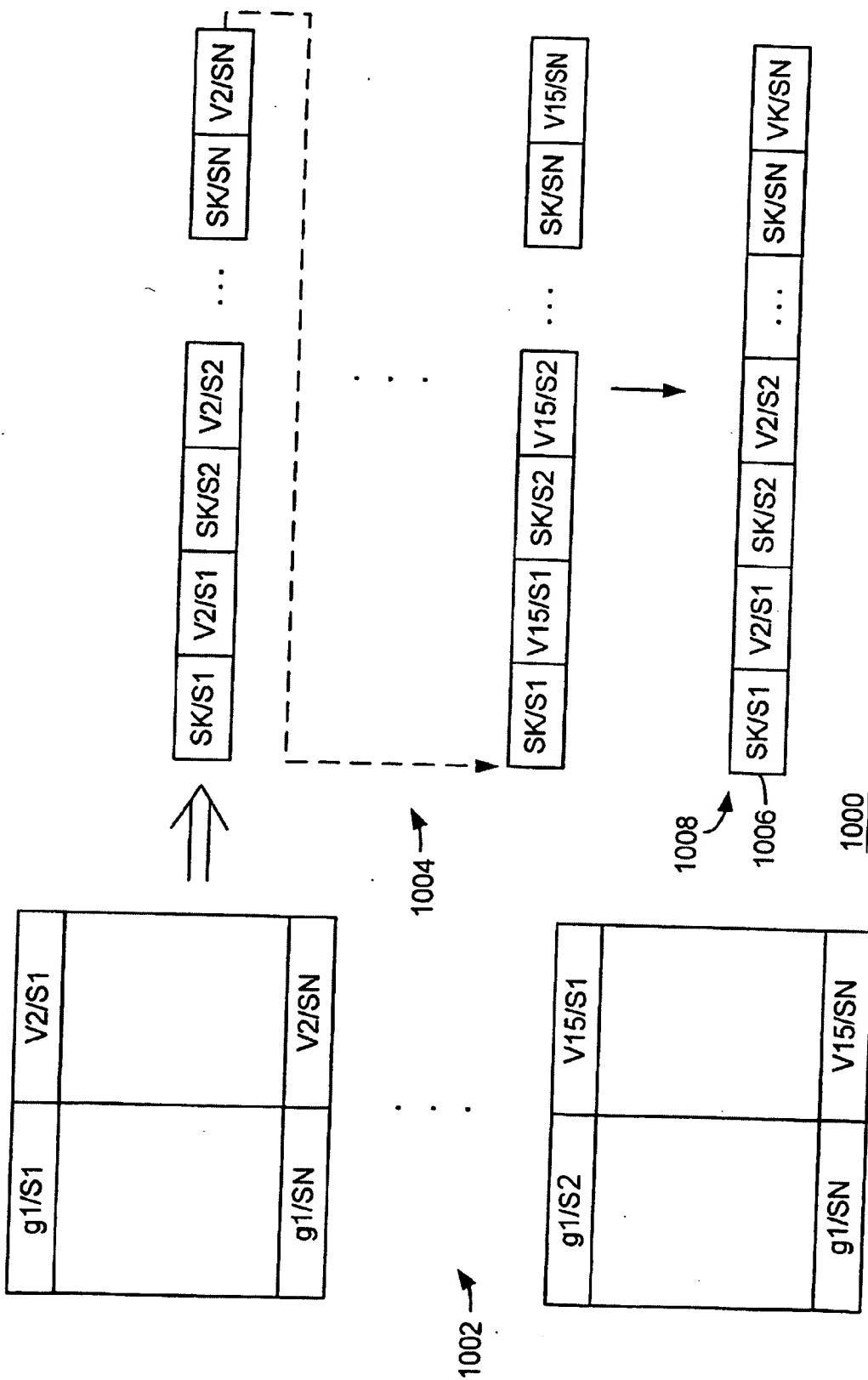
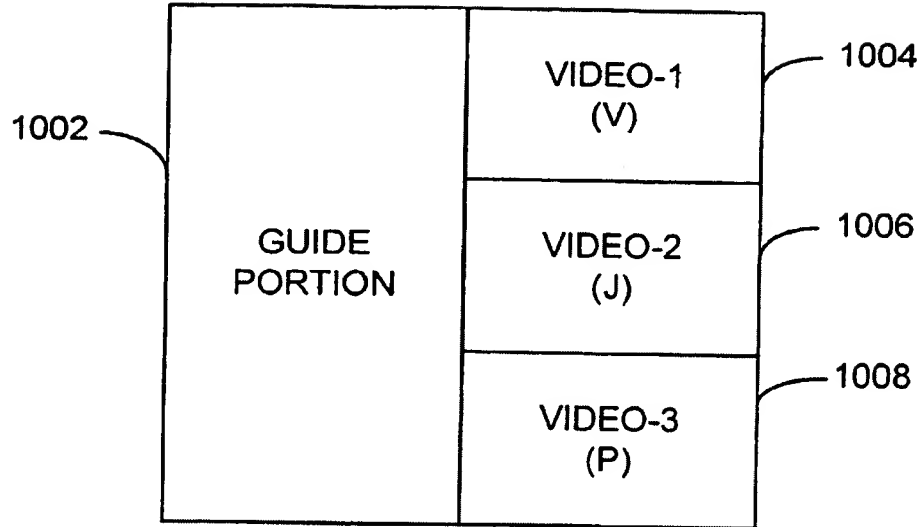


FIG. 10.

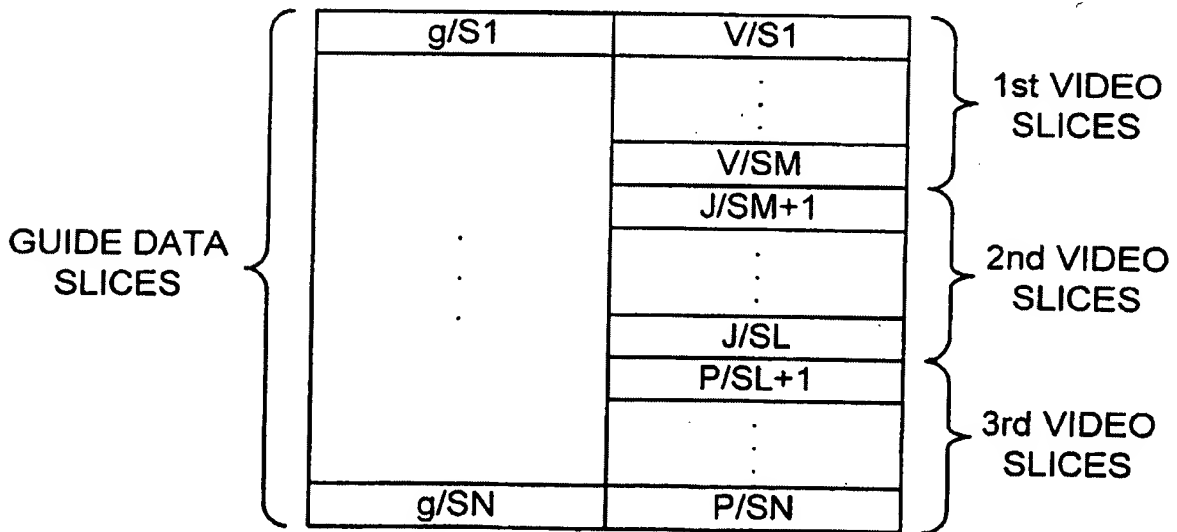


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1100



**FIG. 11A.**



**FIG. 11B.**

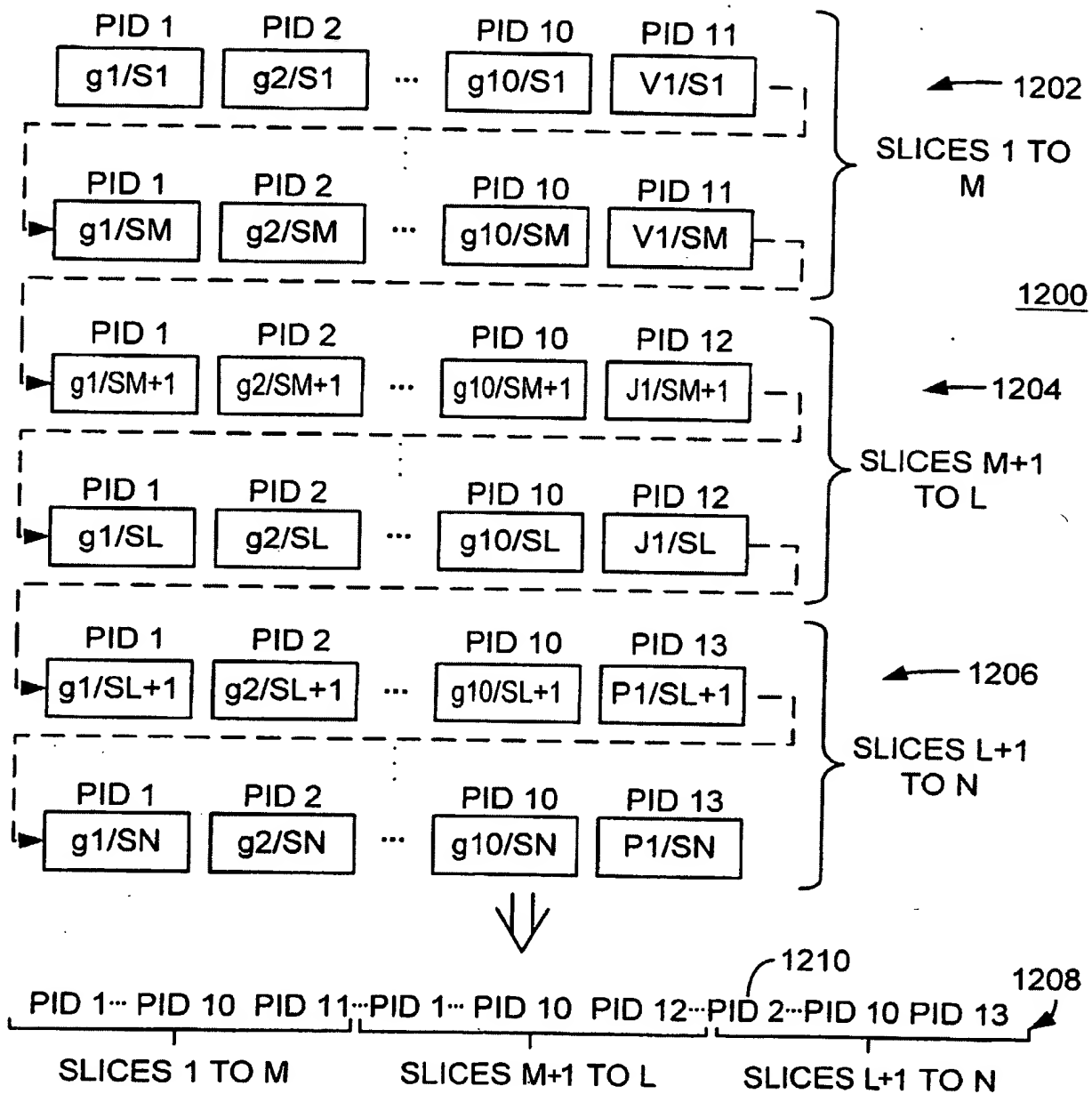


FIG. 12.

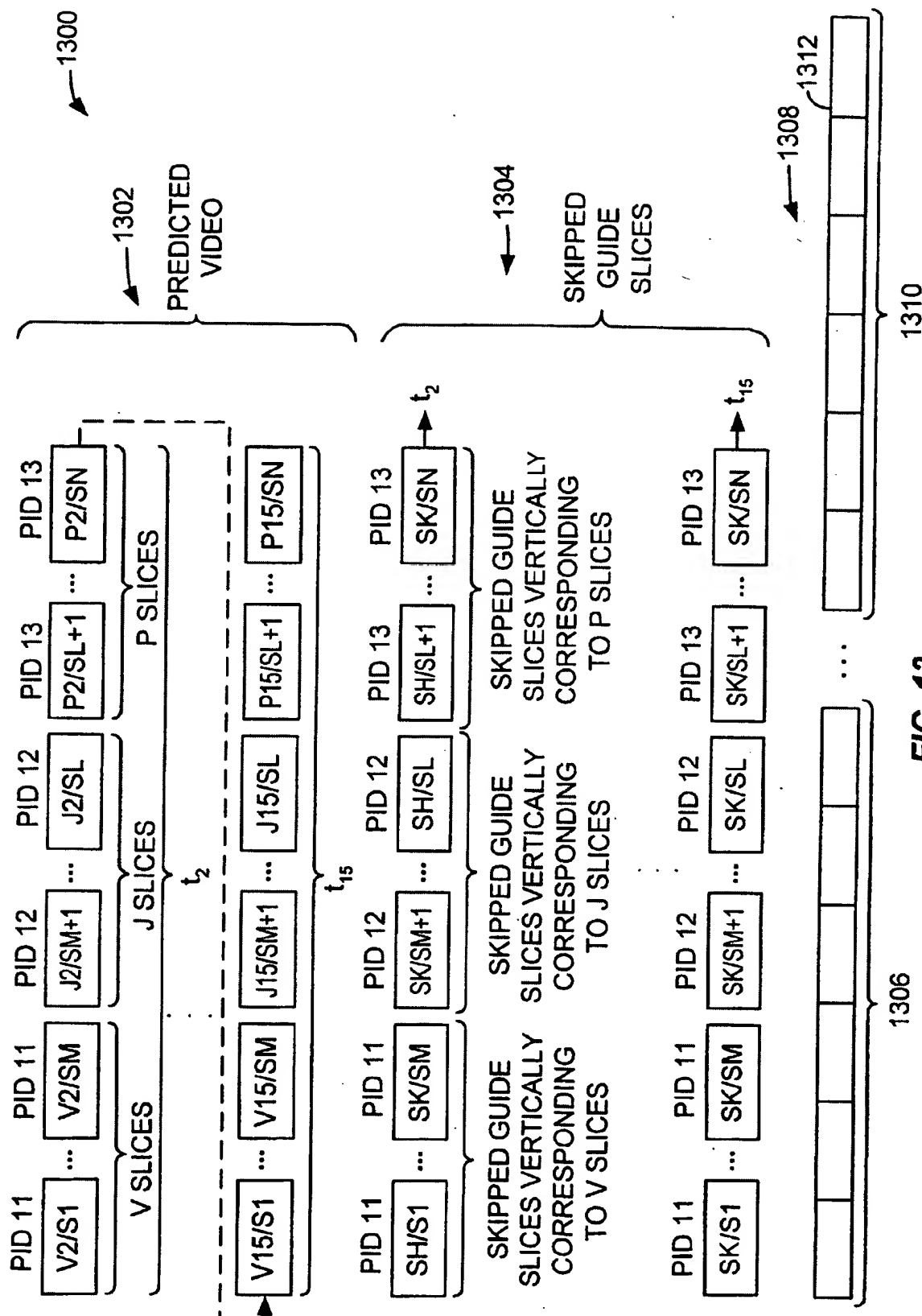


FIG. 13.

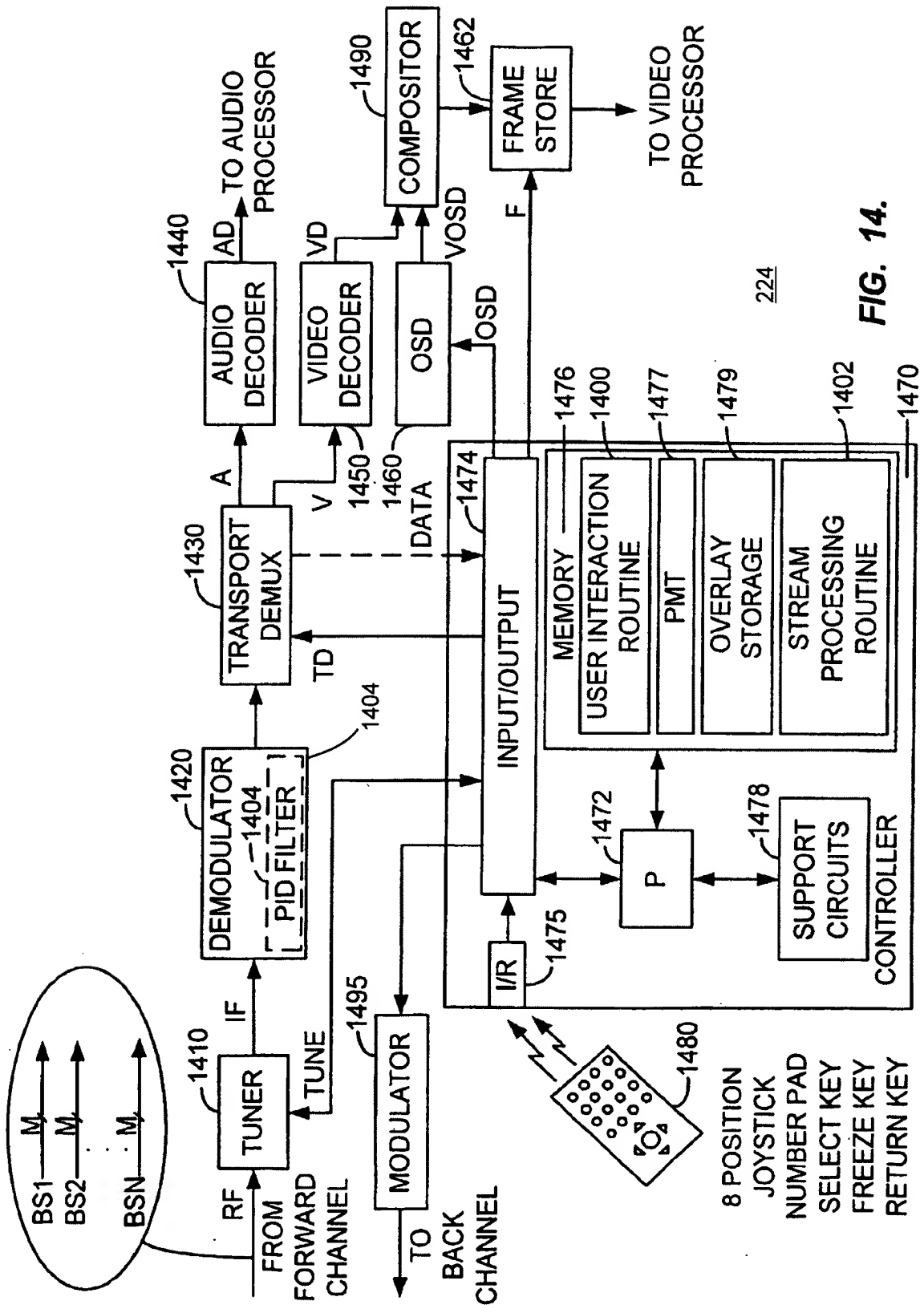


FIG. 14.

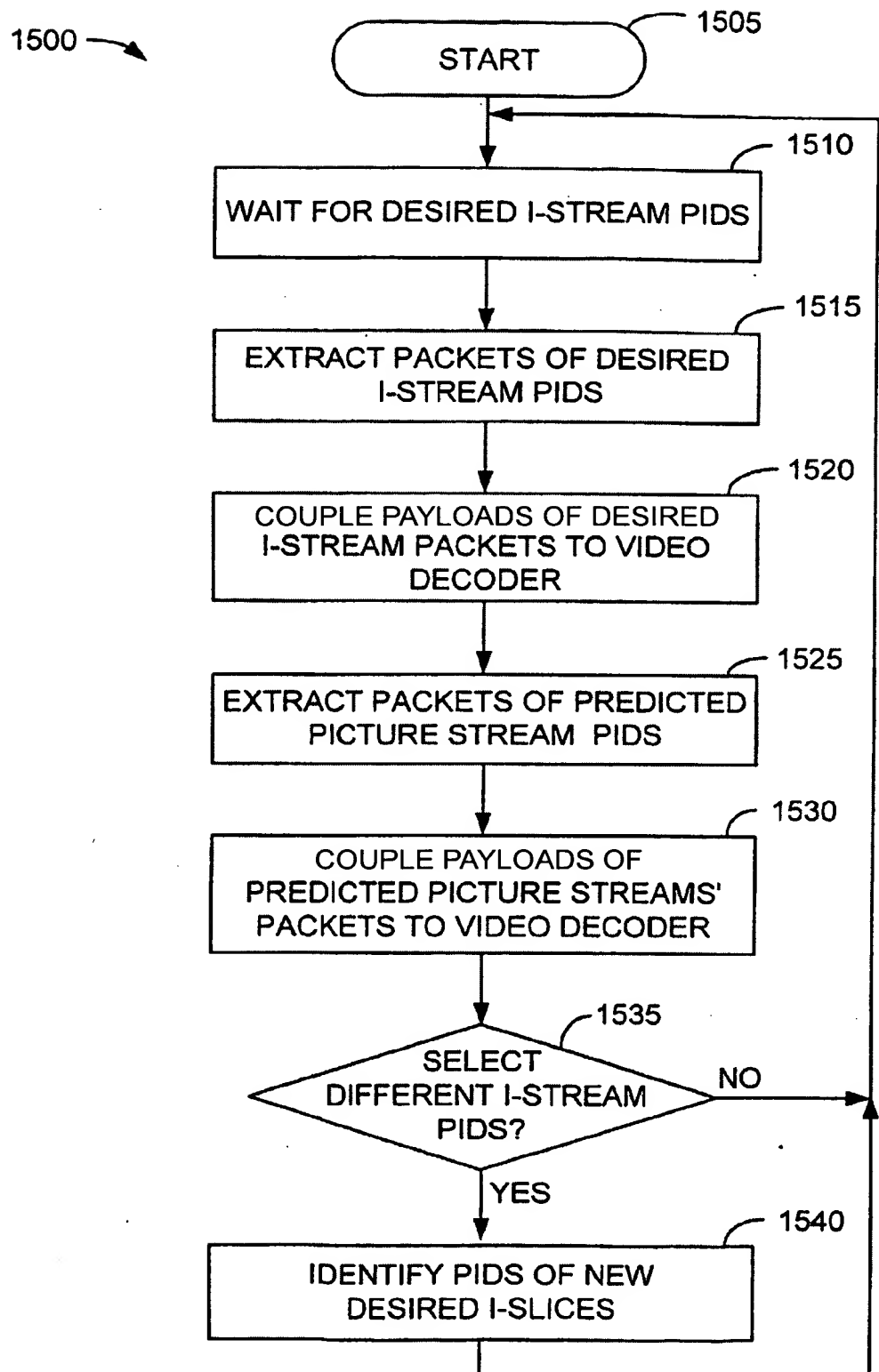


FIG. 15.



1600 →

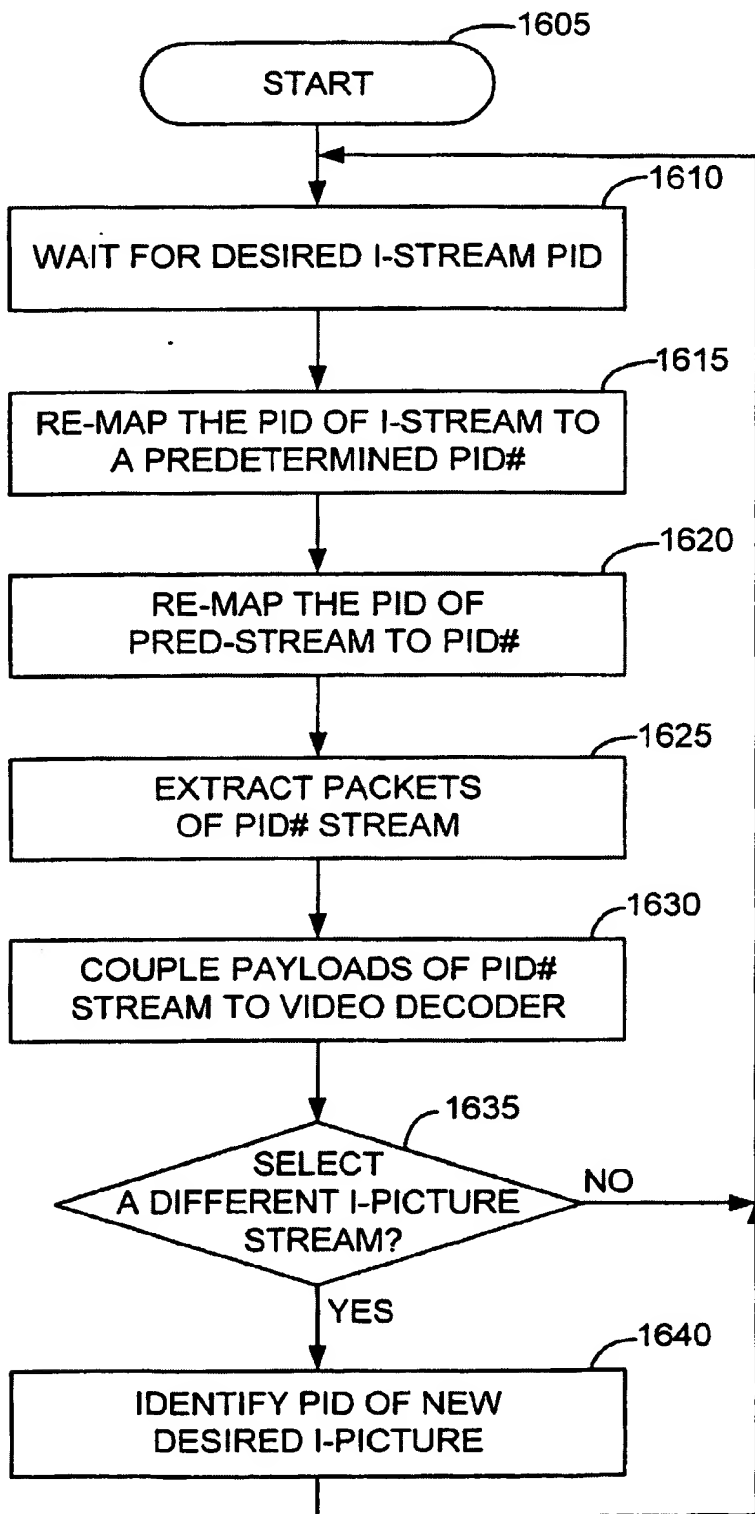


FIG. 16.

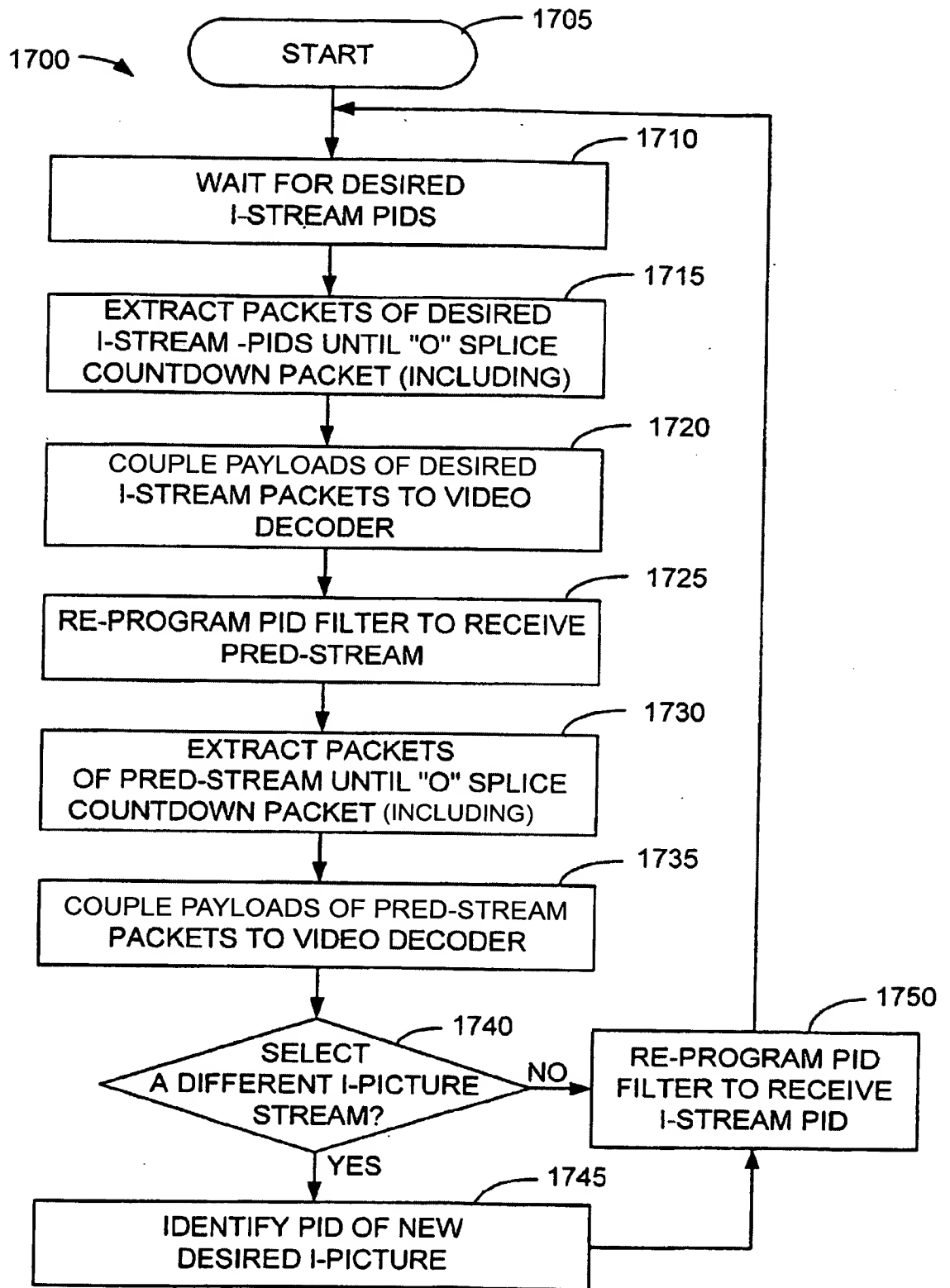


FIG. 17.

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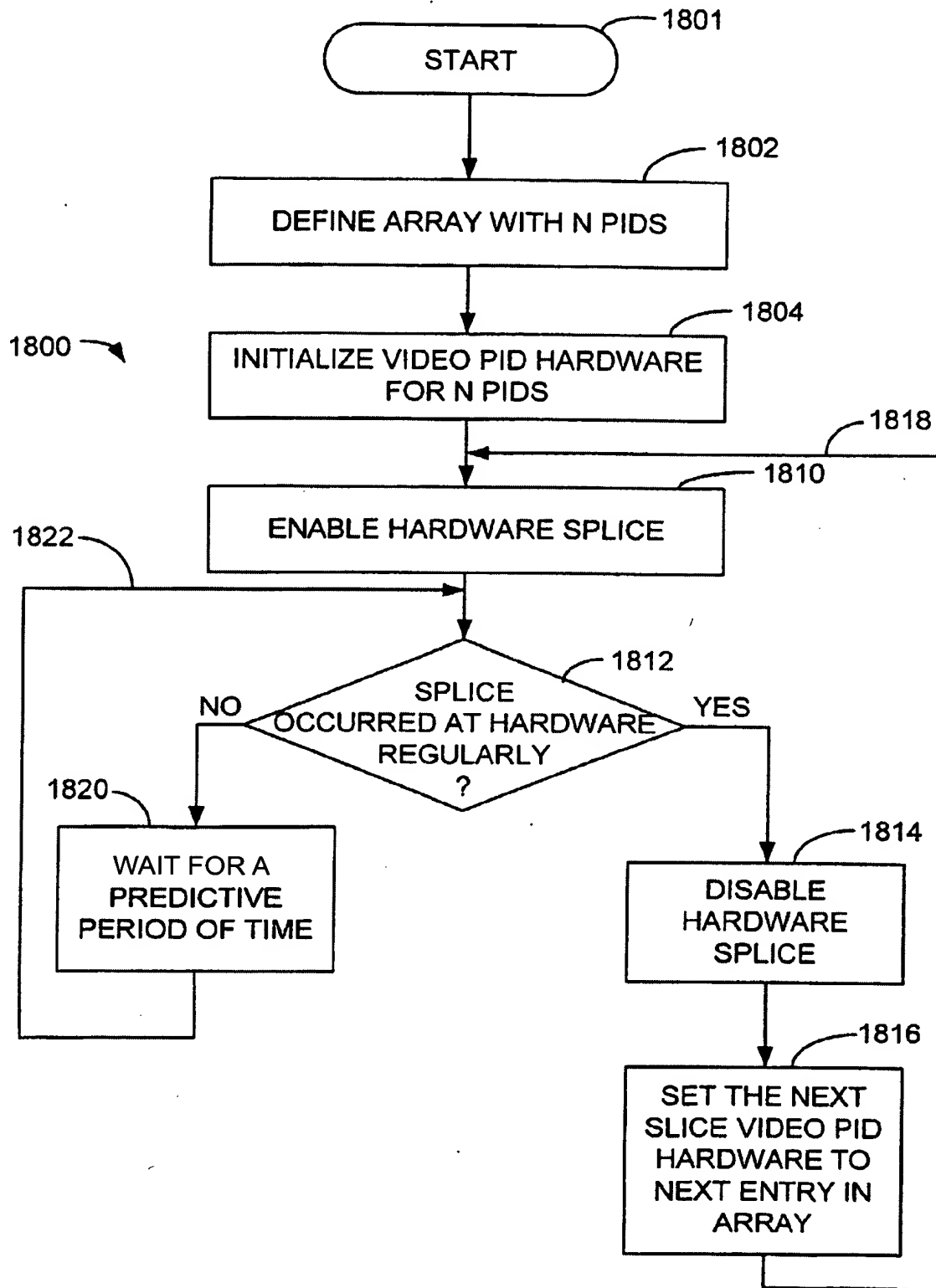


FIG. 18.

TIME =  $T_1$ 

<u>PID 1</u>	<u>PID 2</u>	<u>PID 3</u> ...	<u>PID 9</u>	<u>PID 10</u>	<u>PID 11</u>	<u>PID 12</u>	<u>PID 13</u>
<u>g1/S1</u>	<u>g2/S1</u>	<u>g3/S1</u> ...	<u>g9/S1</u>	<u>g10/S1</u>	<u>V1/S1</u>	<u>M1/S1</u>	<u>K1/S1</u>
<u>g1/S2</u>	<u>g2/S2</u>	<u>g3/S2</u> ...	<u>g9/S2</u>	<u>g10/S2</u>	<u>V1/S2</u>	<u>M1/S2</u>	<u>K1/S2</u>
<u>g1/S3</u>	<u>g2/S3</u>	<u>g3/S3</u> ...	<u>g9/S3</u>	<u>g10/S3</u>	<u>V1/S3</u>	<u>M1/S3</u>	<u>K1/S3</u>
.	.	.	.	.	.	.	.
.	.	.	.	.	.	.	.
.	.	.	.	.	.	.	.
<u>g1/SN</u>	<u>g2/SN</u>	<u>g3/SN</u> ...	<u>g9/SN</u>	<u>g10/SN</u>	<u>V1/SN</u>	<u>M1/SN</u>	<u>K1/SN</u>

INTRA-CODED GUIDE AND VIDEO

1900

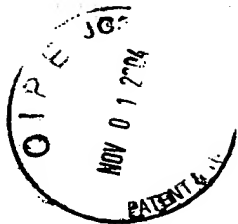
FIG. 19.



<u>TIME</u>	<u>PID 11</u>	<u>PID 12</u>	<u>PID 13</u>	<u>PID 11</u>	<u>PID 12</u>	<u>PID 13</u> ...	<u>PID 11</u>	<u>PID 12</u>	<u>PID 13</u>
$t_2$	V2/S1	M2/S1	K2/S1	V2/S2	M2/S2	K2/S2 ...	V2/SN	M2/SN	K2/SN $\leftarrow$ 2002
$t_3$	V3/S1	M3/S1	K3/S1	V3/S2	M3/S2	K3/S2 ...	V3/SN	M3/SN	K3/SN $\leftarrow$ 2003
$t_4$	V4/S1	M4/S1	K4/S1	V4/S2	M4/S2	K4/S2 ...	V4/SN	M4/SN	K4/SN $\leftarrow$ 2004
.	.	.	.	.	.	.	.	.	.
.	.	.	.	.	.	.	.	.	.
.	.	.	.	.	.	.	.	.	.
$t_{15}$	V15/S1	M15/S1	K15/S1	V15/S2	M15/S2	K15/S2 ...	V15/SN	M15/SN	K15/SN $\leftarrow$ 2015

PREDICTED VIDEO  $\leftarrow$ 2000

**FIG. 20.**



<u>TIME</u>	<u>PID 11</u>	<u>PID 12</u>	<u>PID 13</u>	<u>PID 11</u>	<u>PID 12</u>	<u>PID 13</u>	<u>PID 11</u>	<u>PID 12</u>	<u>PID 13</u>
$t_2$	SK/S1	SK/S1	SK/S1	SK/S2	SK/S2	SK/S2 ...	SK/SN	SK/SN	SK/SN ↖ 2102
$t_3$	SK/S1	SK/S1	SK/S1	SK/S2	SK/S2	SK/S2 ...	SK/SN	SK/SN	SK/SN ↖ 2103
$t_4$	SK/S1	SK/S1	SK/S1	SK/S2	SK/S2	SK/S2 ...	SK/SN	SK/SN	SK/SN ↖ 2104
.	.	.	.	.	.	.	.	.	.
.	.	.	.	.	.	.	.	.	.
.	.	.	.	.	.	.	.	.	.
$t_{15}$	SK/S1	SK/S1	SK/S1	SK/S2	SK/S2	SK/S2 ...	SK/SN	SK/SN	SK/SN ↖ 210N

SKIPPED GUIDE  
↖ 2100

FIG. 21.

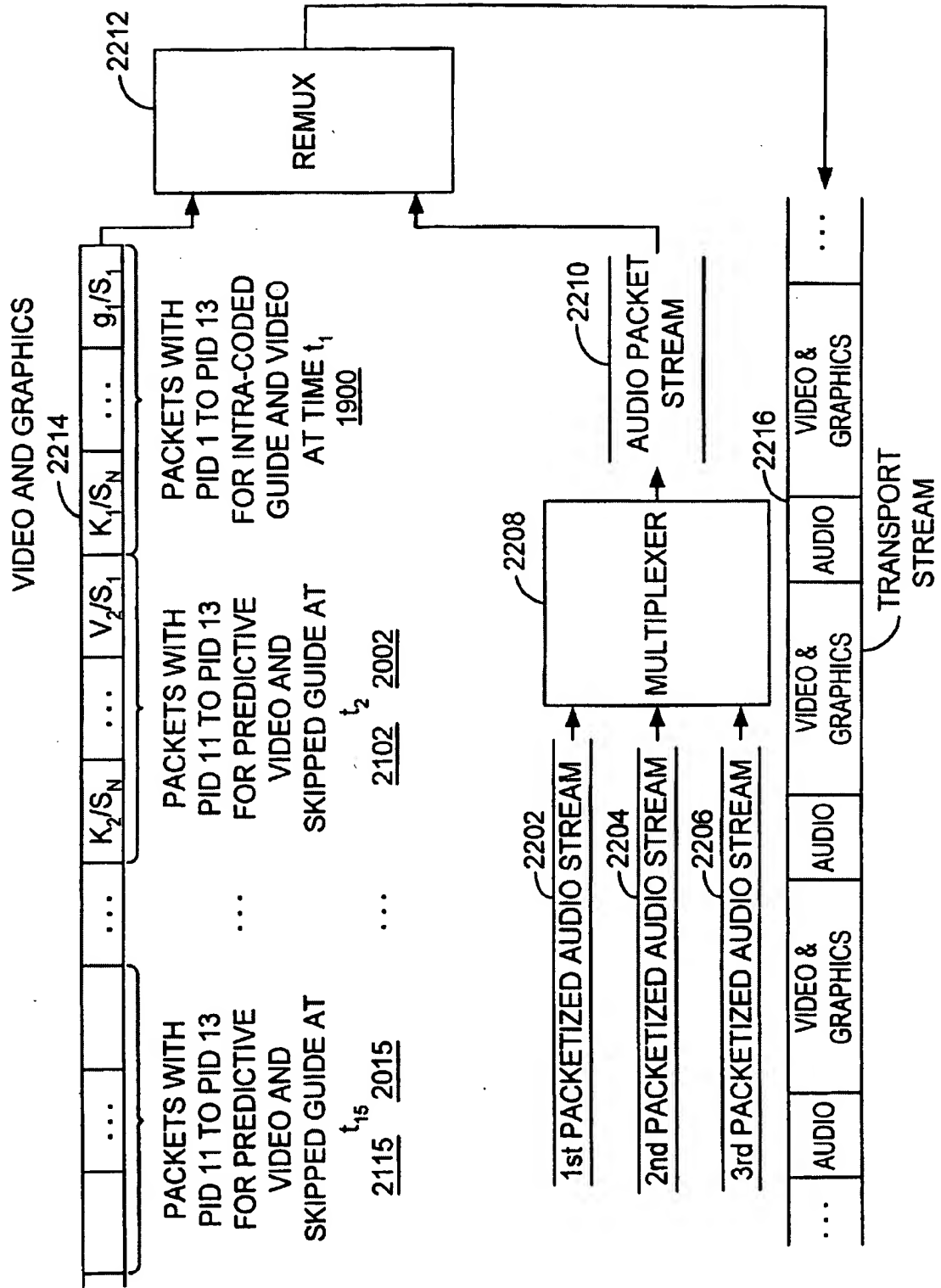


FIG. 22.



$O_1/S_1$	$O_2/S_1$	$O_3/S_1$
$\vdots$	$\vdots$	$\vdots$
$O_1/S_N$	$O_2/S_N$	$O_3/S_N$
$O_4/S_{N+1}$	$O_5/S_{N+1}$	$O_6/S_{N+1}$
$\vdots$	$\vdots$	$\vdots$
$O_4/S_{2N}$	$O_5/S_{2N}$	$O_6/S_{2N}$
$O_7/S_{2N+1}$	$O_8/S_{2N+1}$	$O_9/S_{2N+1}$
$\vdots$	$\vdots$	$\vdots$
$O_7/S_{3N}$	$O_8/S_{3N}$	$O_9/S_{3N}$

SLICE-BASED PARTITIONING

(B)

$O_1$	$O_2$	$O_3$
$O_4$	$O_5$	$O_6$
$O_7$	$O_8$	$O_9$

OBJECTS

(A)

FIG. 23.



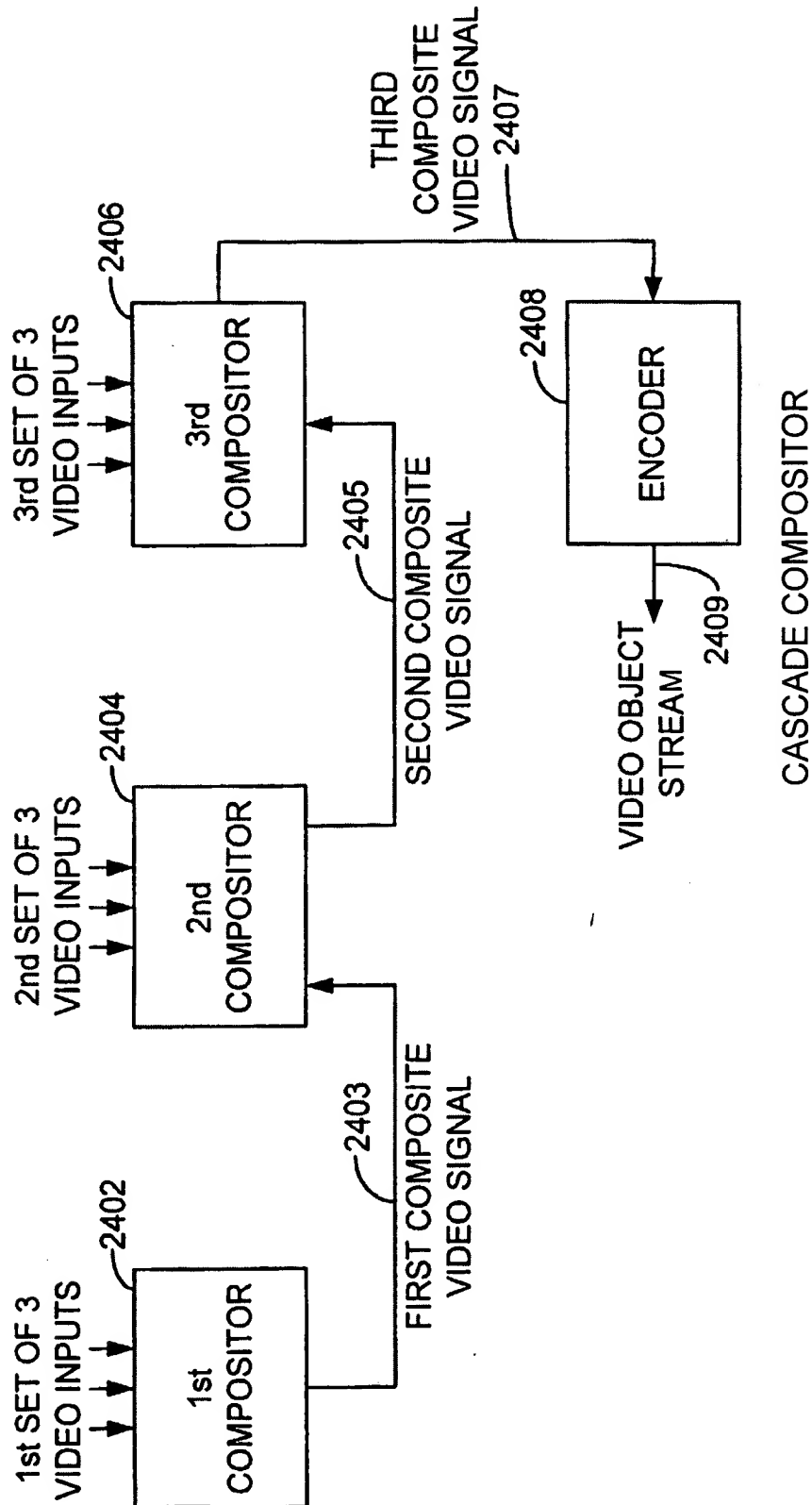


FIG. 24.

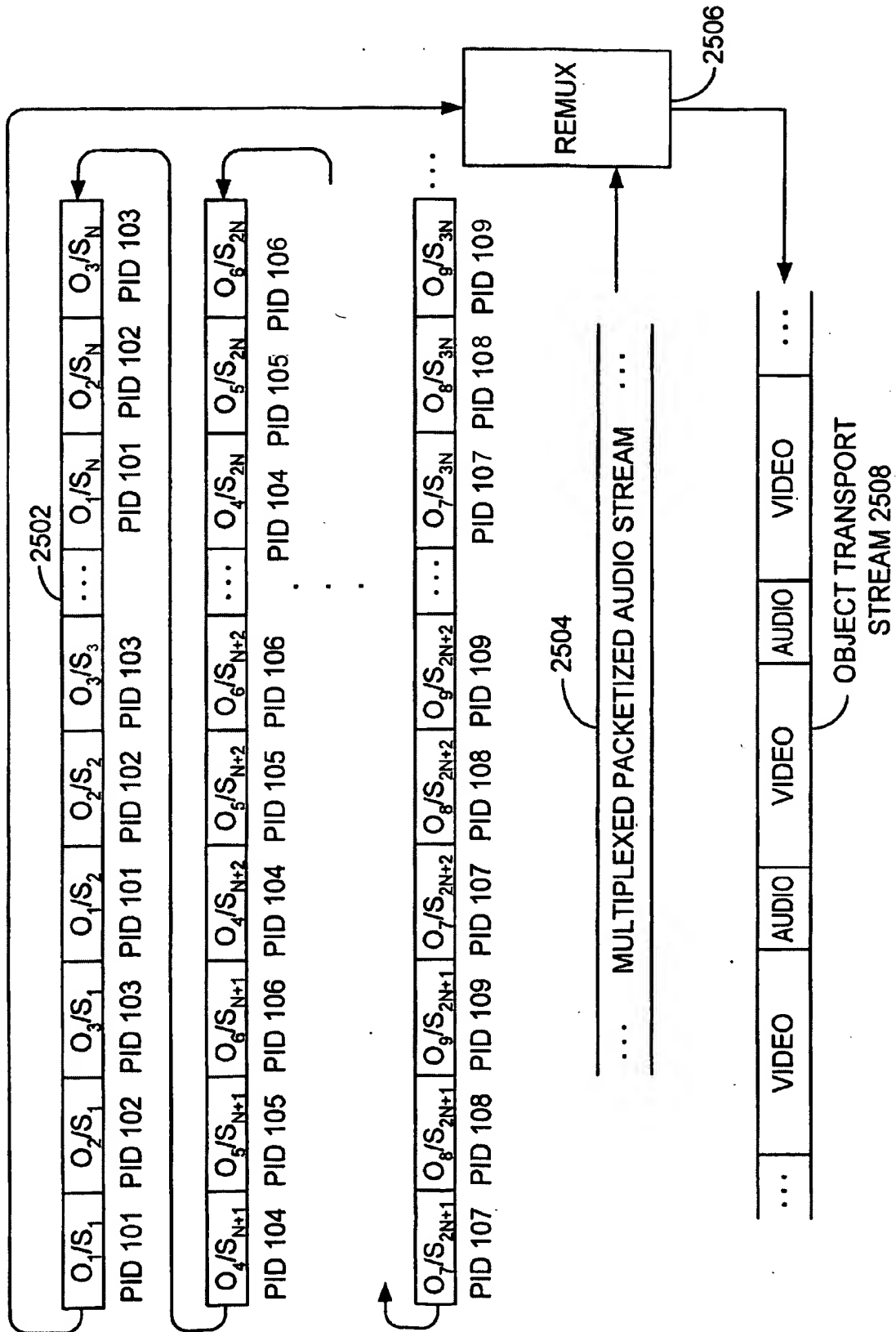


FIG. 25.

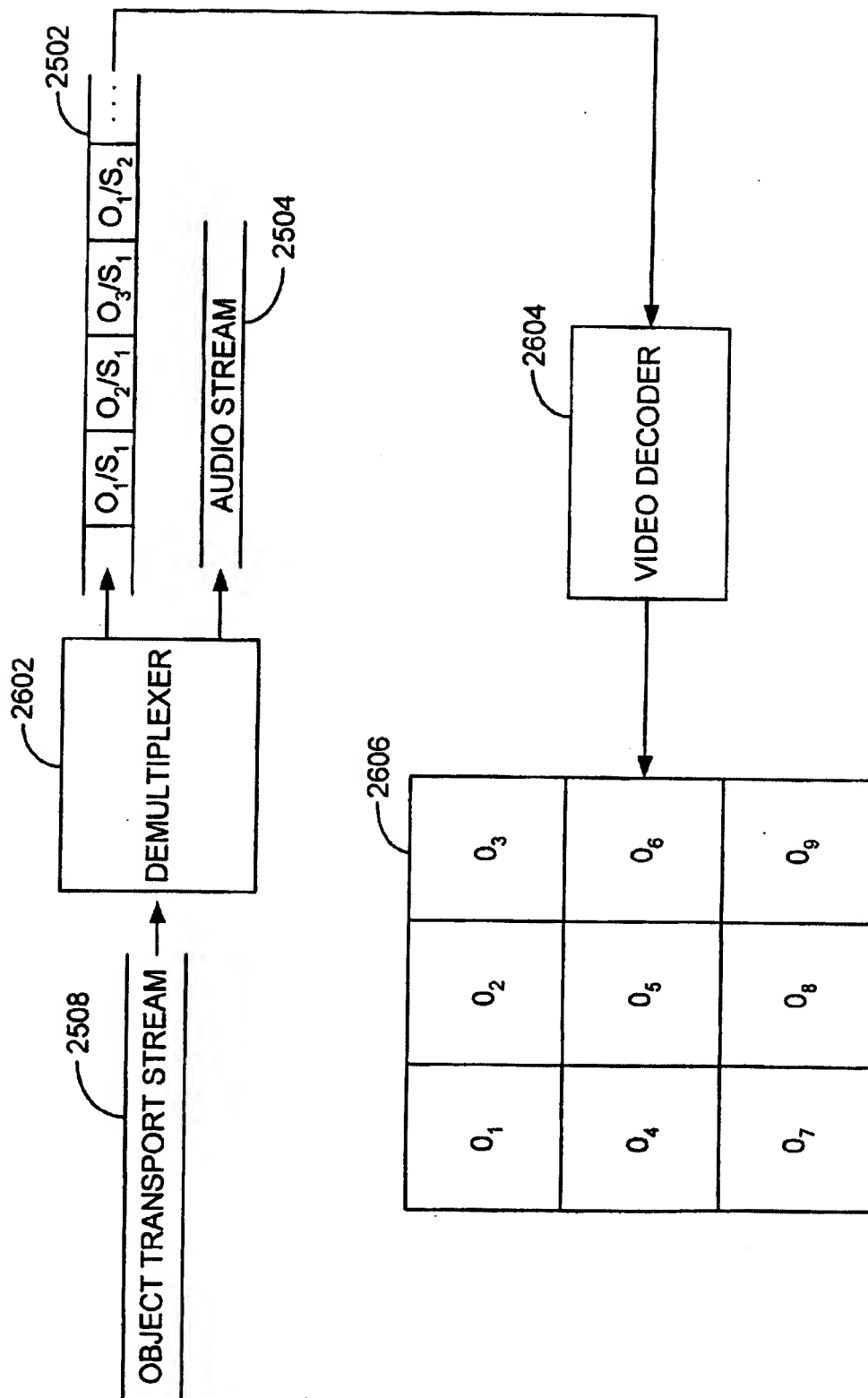


FIG. 26.

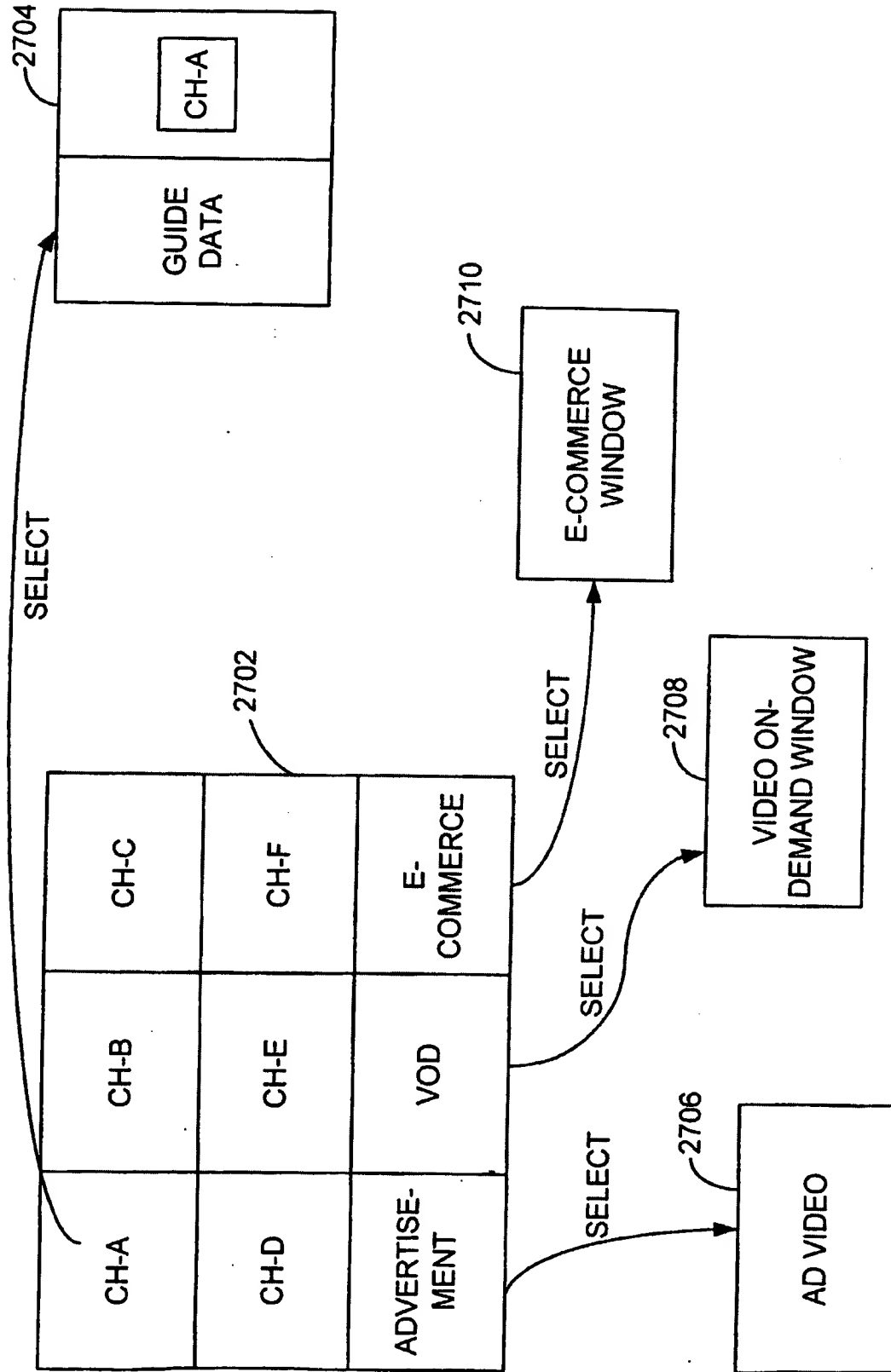


FIG. 27.



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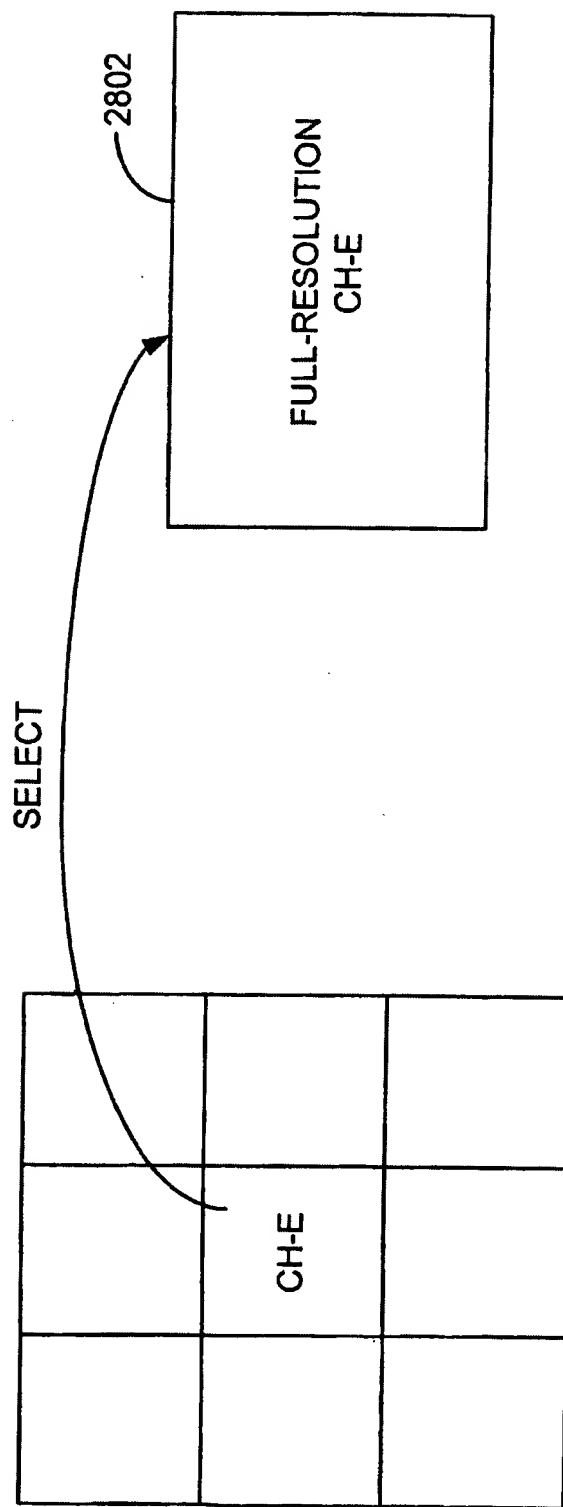


FIG. 28.

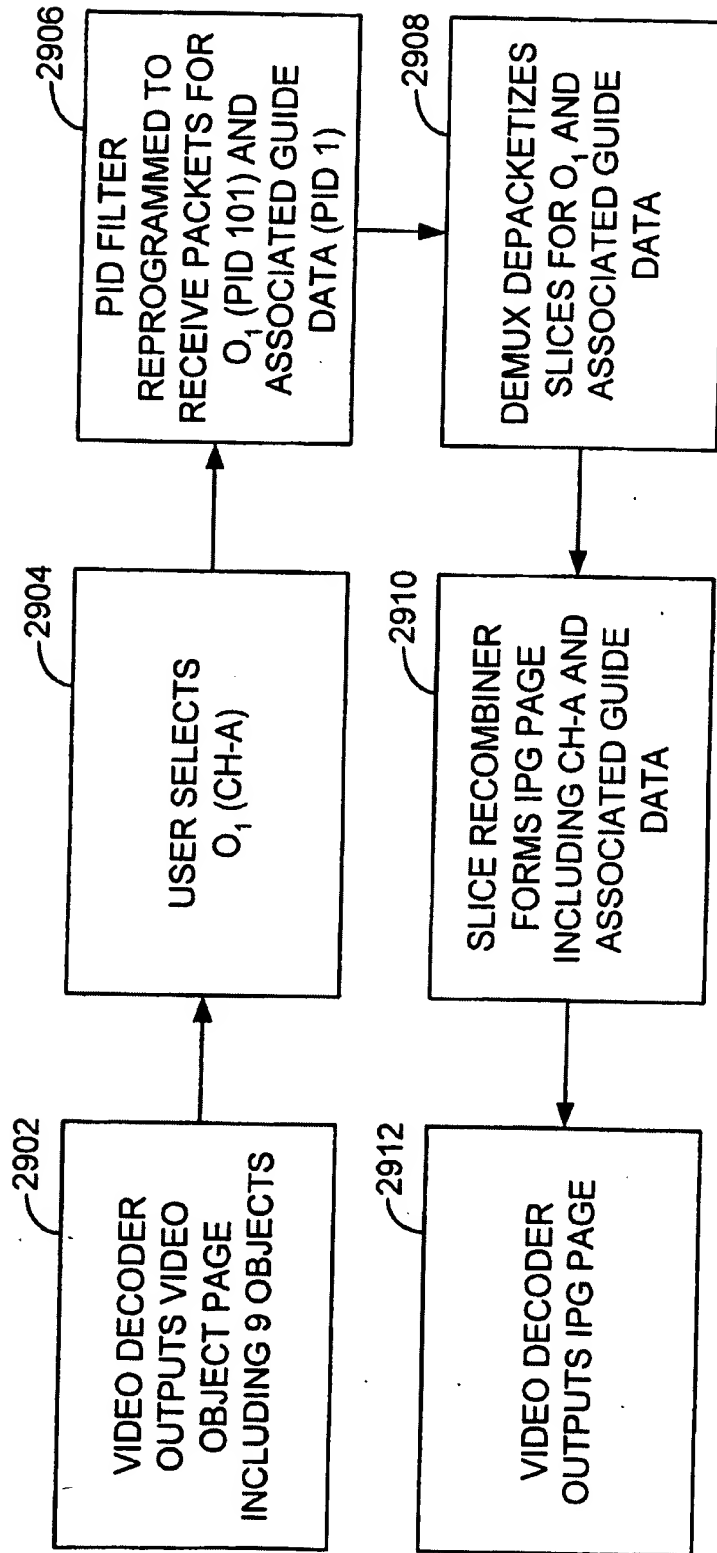


FIG. 29.

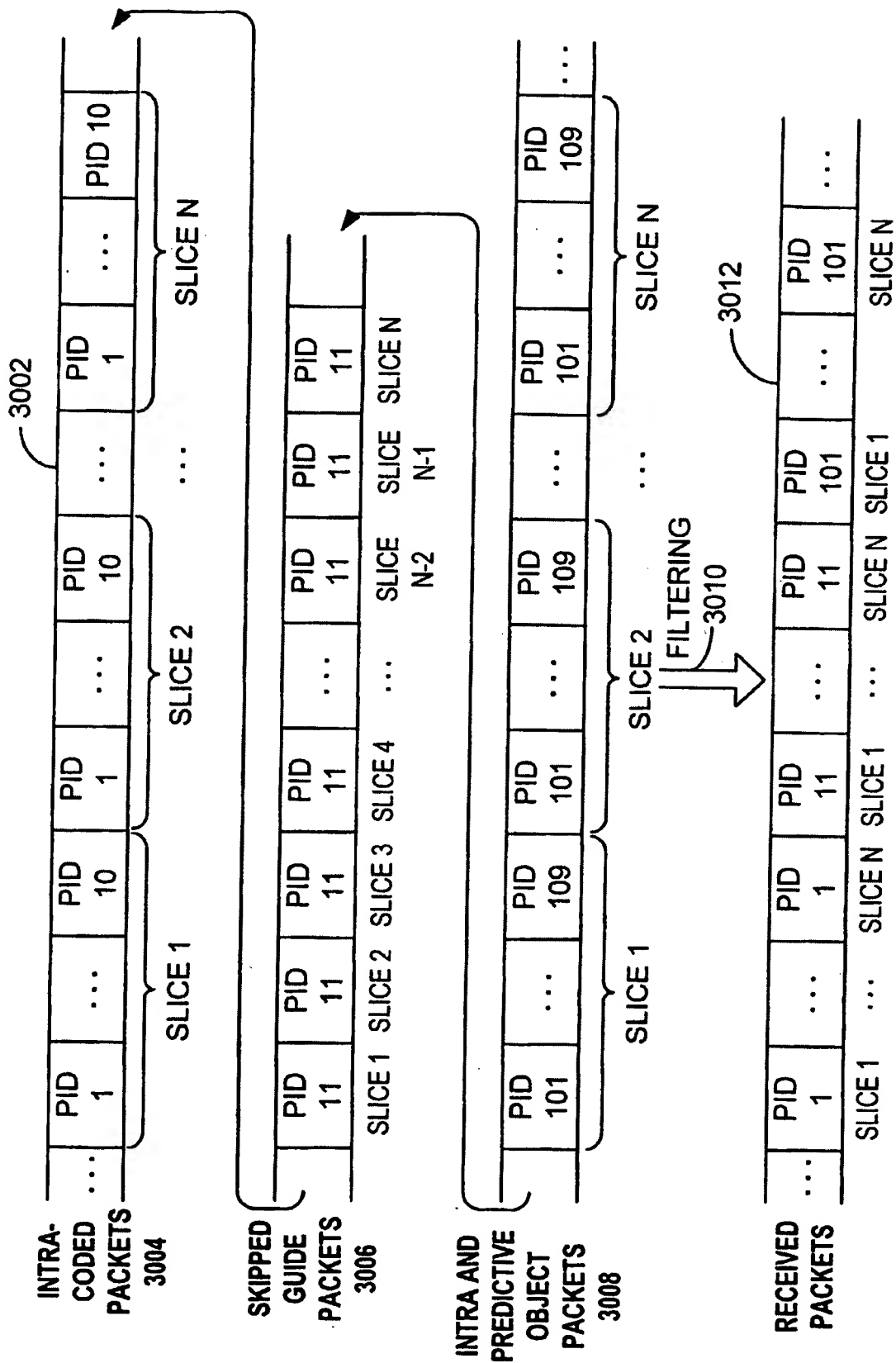


FIG. 30.

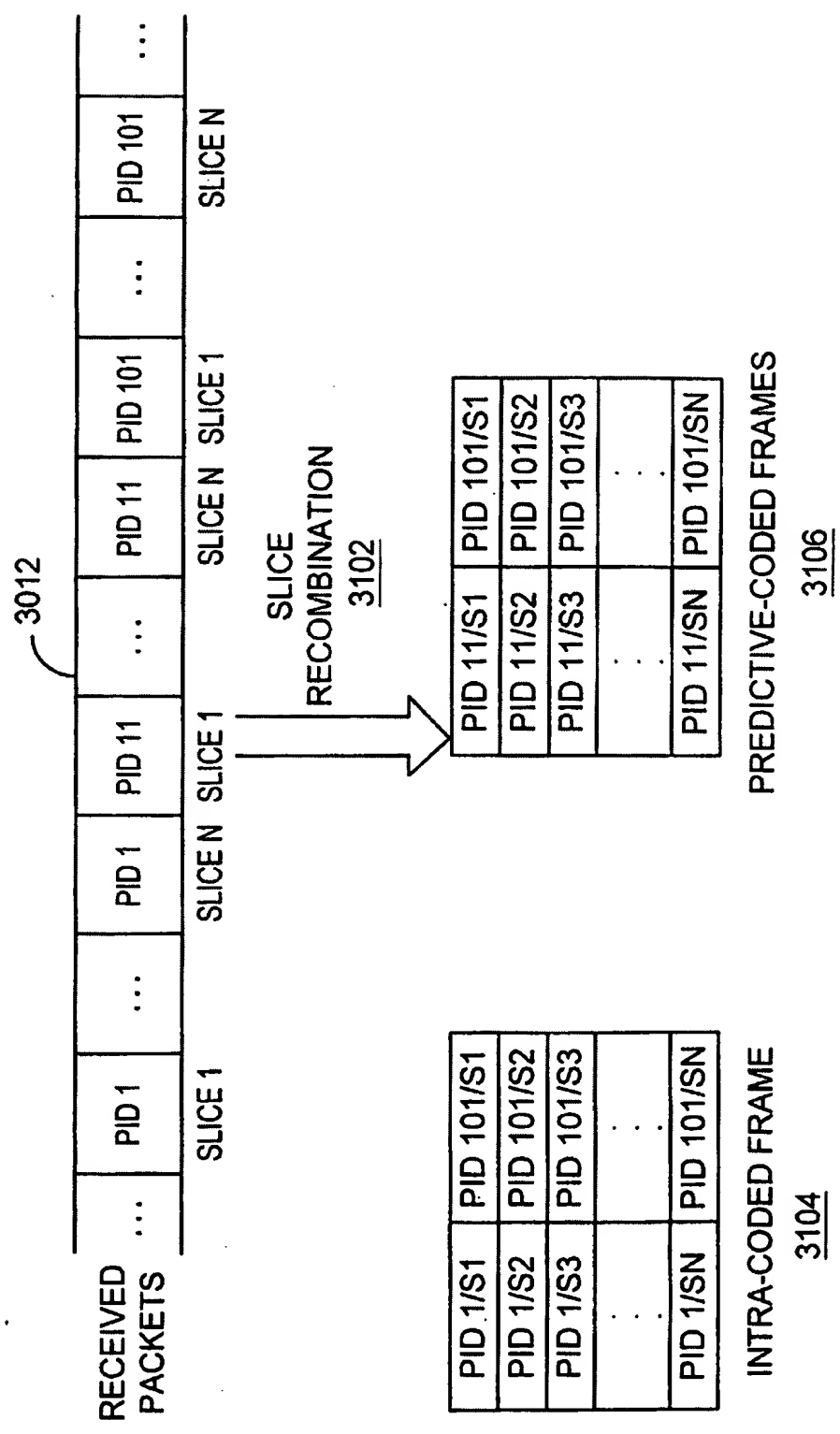


FIG. 31.



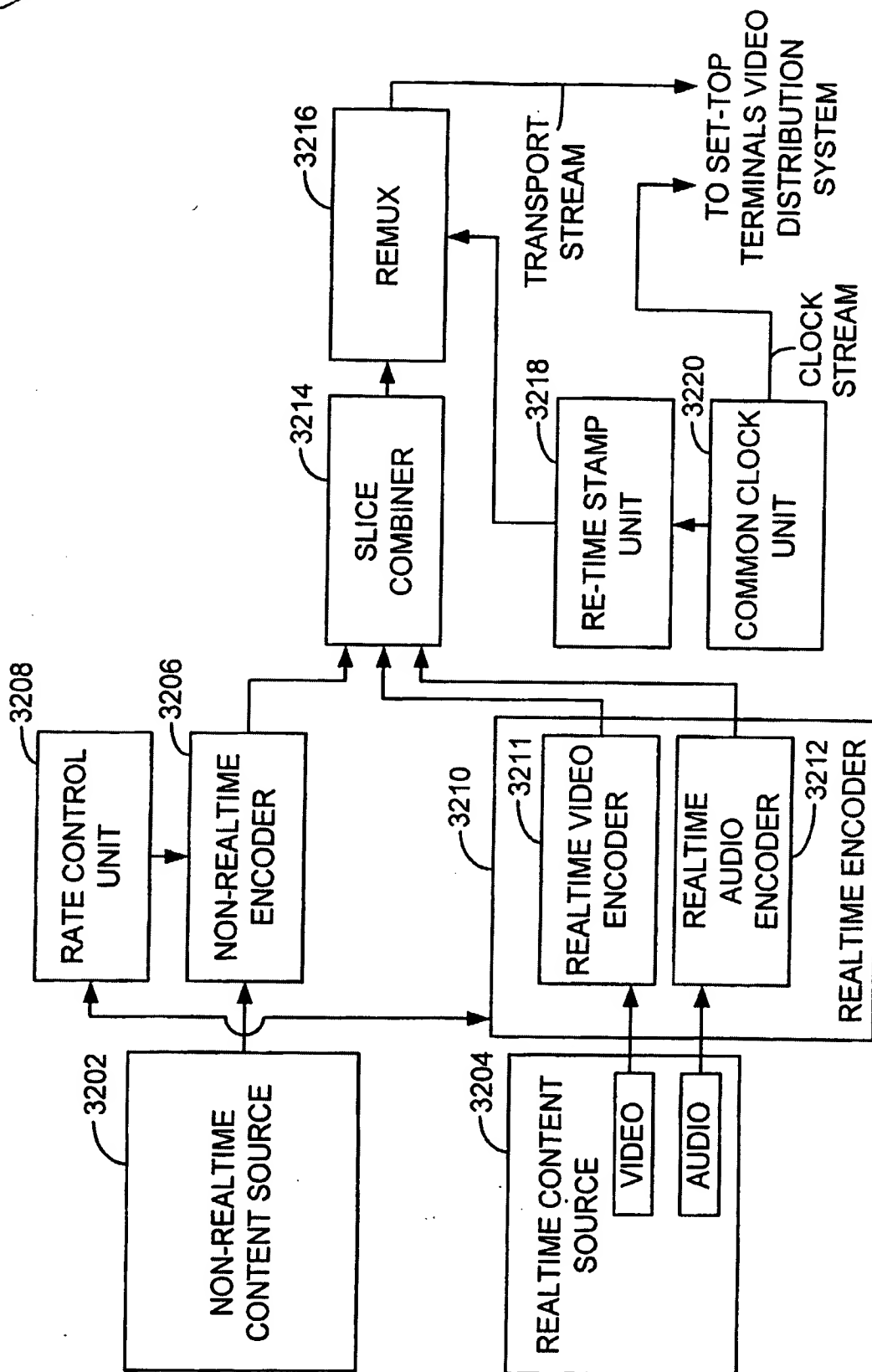
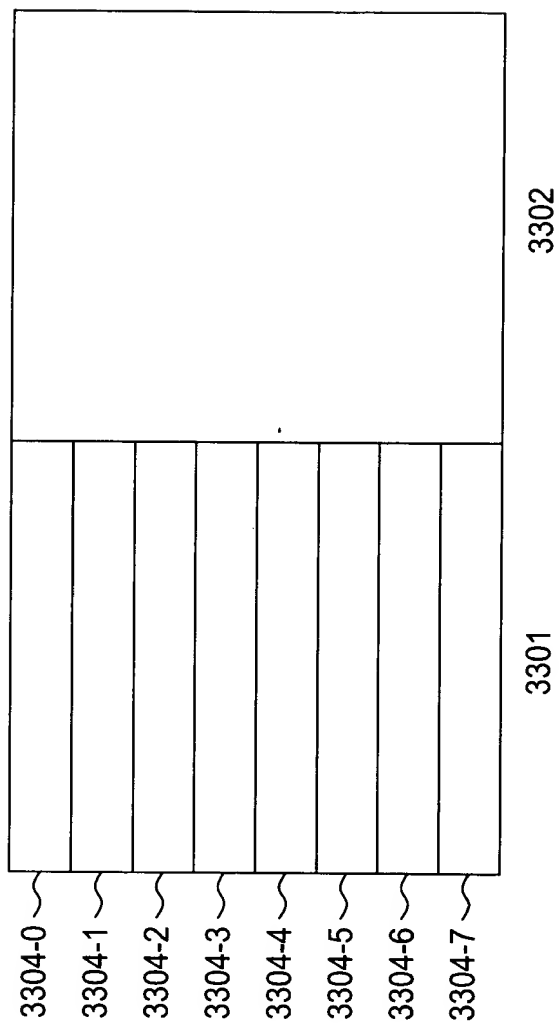


FIG. 32.

RE-TIMESTAMPING AND RATE CONTROL APPARATUS



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3300

FIG. 33

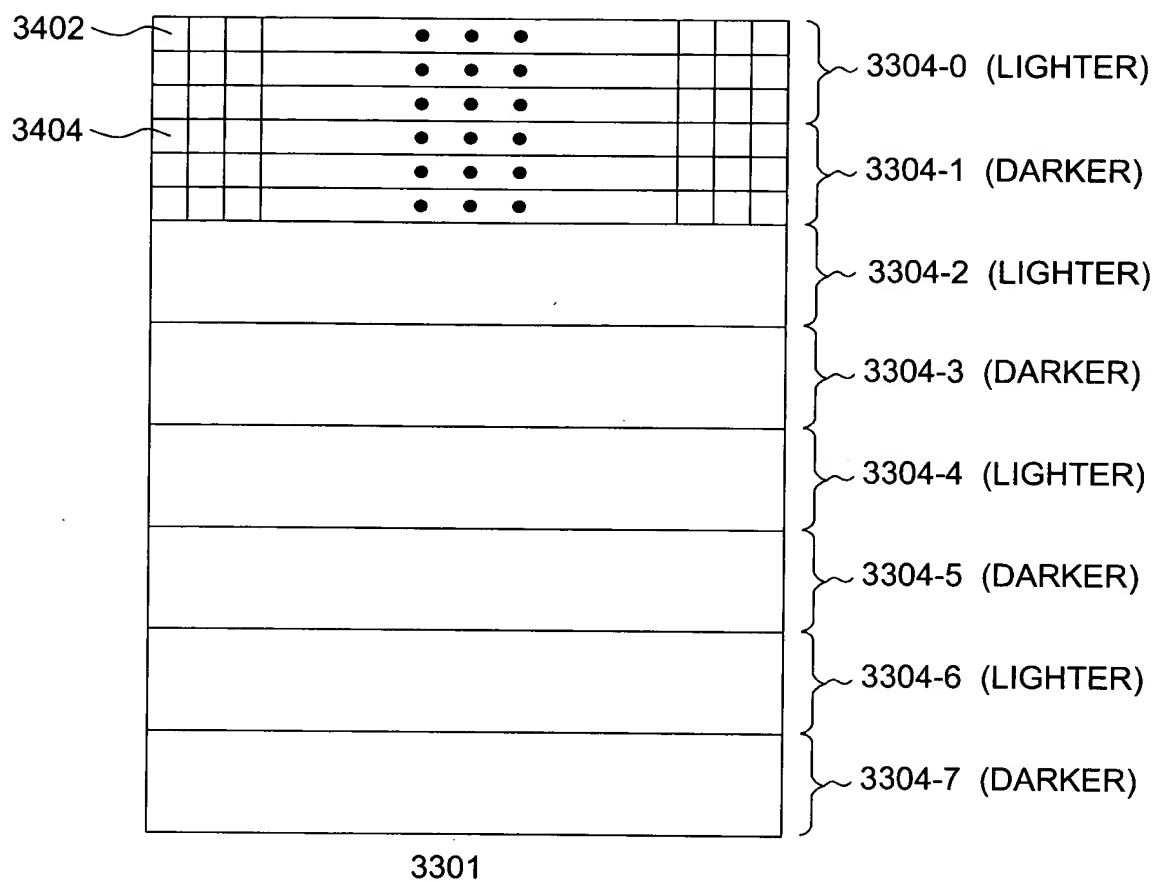
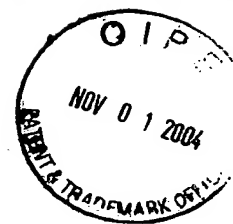
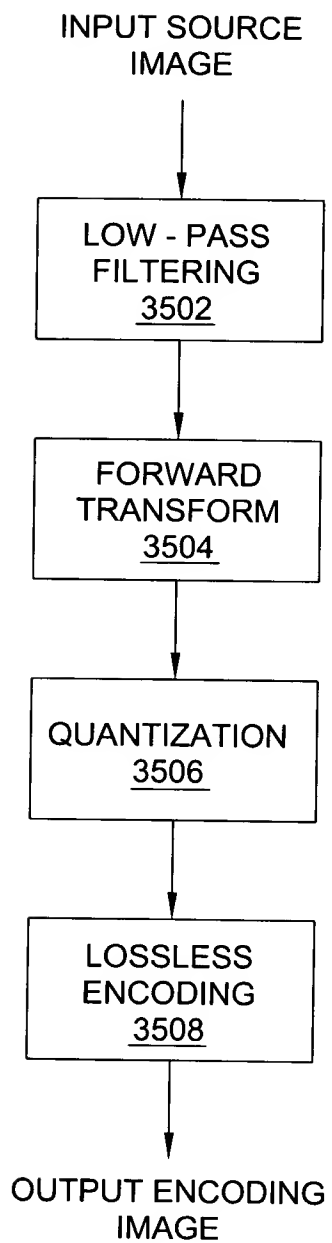


FIG. 34



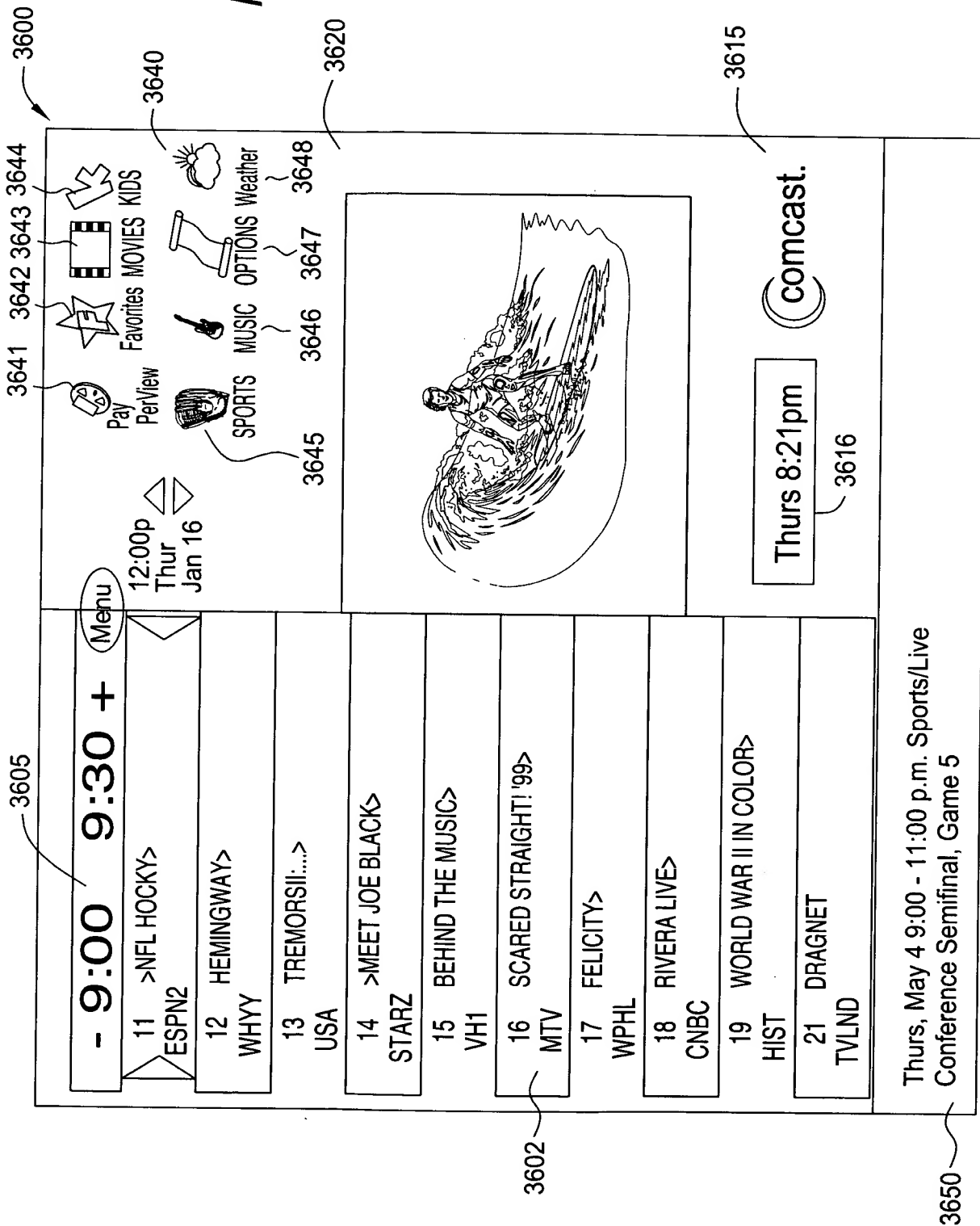
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3500

FIG. 35

FIG. 36



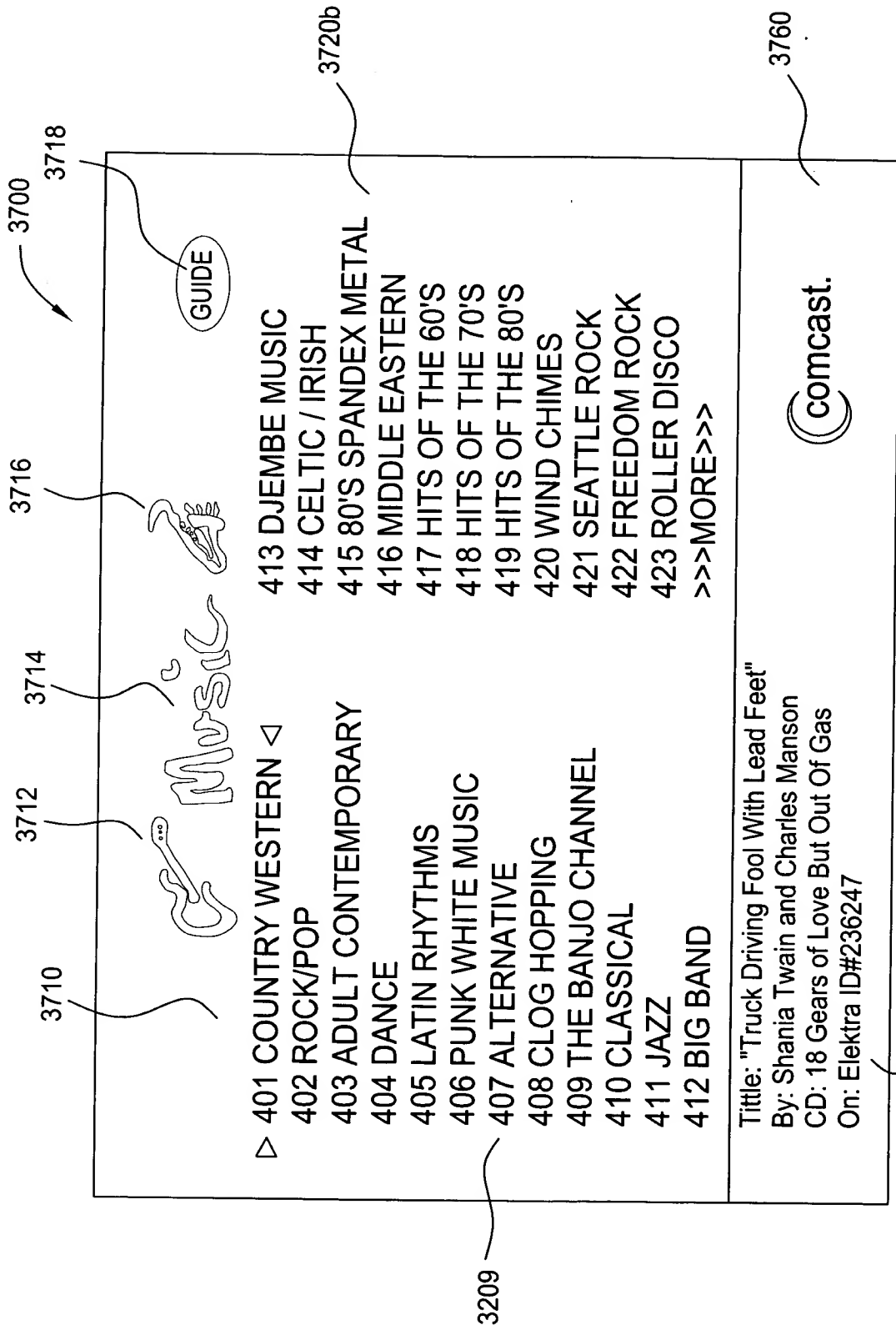


FIG. 37

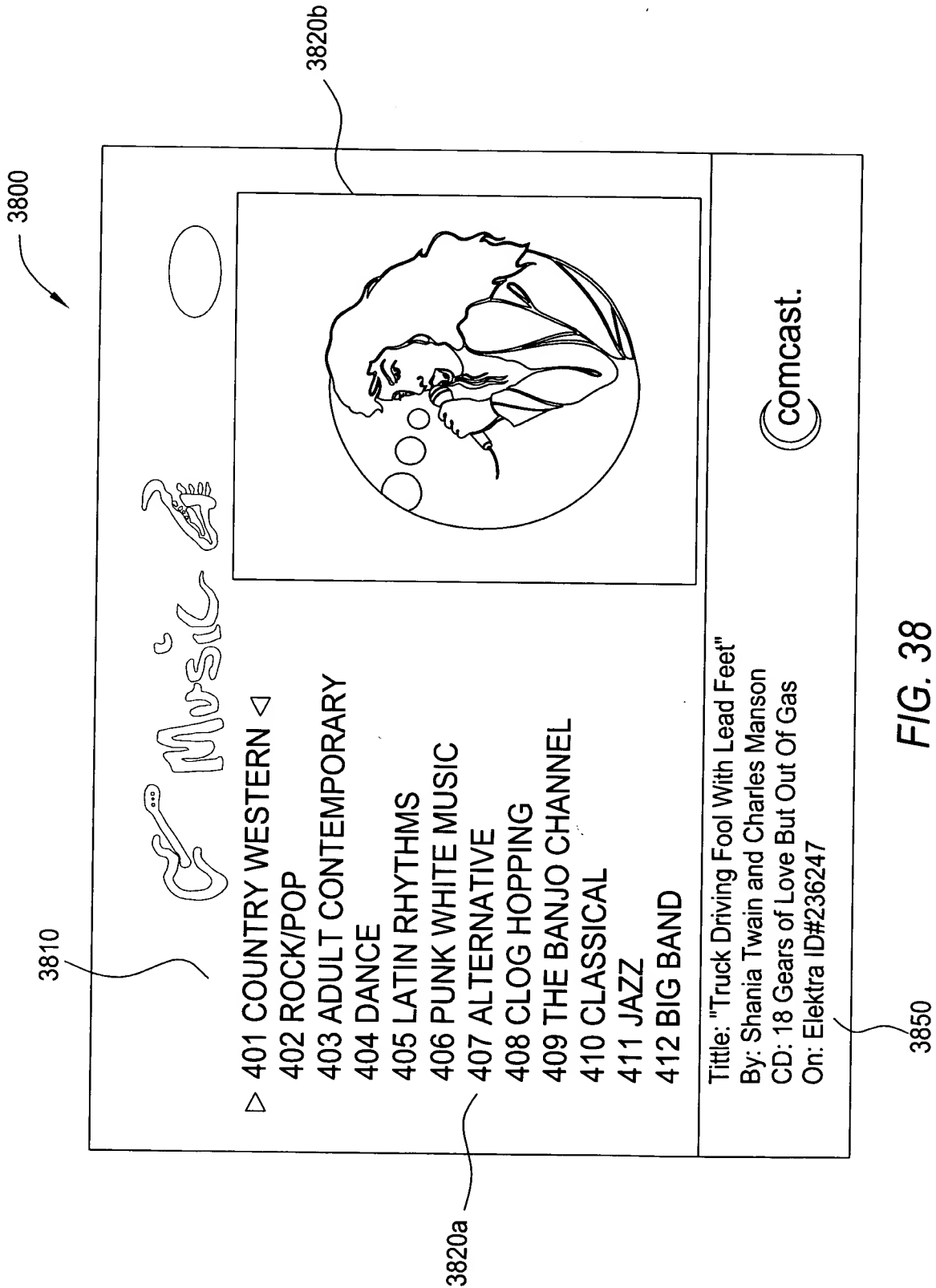


FIG. 38